When quality, delivery, and installation are paramount...

WEC are the largest manufacturer of Motorway CCTV columns for the UK highway infrastructure
Introduction

WEC has over 30 years of expertise in the design, production and manufacture of CCTV mounting structures. Coupled with a highly skilled engineering background and utilising the very latest in fabrication and assembly technology, WEC’s camera mounting division is the number one, unrivalled market leader in the world wide CCTV industry today.

Our engineers use the latest in design technology, including CoCreate modelling and SolidWorks parametric software. Dedicated to the closed circuit television and associated industries, they are able to direct their vast knowledge and skills to produce camera mounting solutions for present and future needs in what is a rapidly growing industry.

The camera mounting division operates from a purpose-built manufacturing site covering 126,000 square feet, enabling us to keep high stock levels and provide short lead times on bespoke products.

LASER

Constant investment programmes enable WEC to acquire the very latest in laser cutting and metal forming technology. Our vast array of modern machinery ensures that we remain market leaders, by providing customers with the highest quality and accuracy offered by any manufacturing company today.

We are also the first company in the UK to purchase the Trumpf TruLaser 7000 Tube machine, which cuts tubes and profiles with large diameters and wall thicknesses without sacrificing productivity.

SPECIAL PRODUCTS

If you don’t see a particular column or bracket in our Product Guide, WEC will be only too happy to discuss your requirements. Our bespoke specials service is provided to overcome difficult and awkward mounting situations. Brackets can be constructed from customer photographs or simple sketches through to full engineering drawings. Our production schedule ensures that all special brackets are on site with the minimum of delay.

TRANSPORT

The transport fleet at WEC not only provides a delivery service, but can also offer a column delivery and placement service. We currently deliver and place columns up to 18 metres in height onto prepared bases throughout the UK and Europe. Deliveries can be made to suit your needs and if a situation arises where you require evening, weekend or out of hours deliveries, our efficient transport department will be only too happy to liaise with you.

LOCATION

Situated in the centre of the United Kingdom, WEC is ideally placed to satisfy your requirements. Close to the M6, we are only minutes away from the main motorway network.

Whatever your CCTV camera mounting problem, WEC has the solution for you
PAINTING

Using the latest airless spray techniques coupled with specialist vinyl based coatings, WEC are able to paint your CCTV columns and brackets to any of the BS4800 and RAL colour ranges to suit your requirements. Powder coating facilities are also available on many of our standard and bespoke items.

SALES

Our helpful sales force, with an in-depth knowledge of our products and the industry, ensure that WEC remain the number one choice for CCTV mounting equipment.

WEC offer full training on all of our products whether you are new to the industry or just looking for an update. One of our field sales engineers will pay you a visit to discuss your requirements. Alternatively, we have boardroom facilities for you to bring your clients to discuss your particular project.

PRODUCTS

WEC are the largest manufacture of CCTV mounting structures in the industry today. From simple fixed columns through to tilt-over lattice towers and motorised motorway columns and an endless array of brackets, we are sure that we can supply a camera mounting solution for your particular installation.

MAJOR INSTALLATIONS INCLUDE:

- Wembley Stadium
- Transport for London Charging Scheme
- Railtrack Upgrading
- Dublin Port
- Liverpool City Centre
- Kuwait International Stadium
- Belfast City Stadium
- Birmingham Box ANPR Project
- M42 Lane Sharing Scheme
- Manchester Airport
- Leeds City Centre
- Drax Power Station North Yorkshire
- National Grid Gas Storage Sites

ACCREDITATIONS

WEC are a BS EN ISO9001 and Link-Up approved company. This is your guarantee that goods and services are supplied to you at the highest standards, right first time. Should you require structural calculations, these are available on many of our products, assuring you a safe and stable support for your CCTV system.
The original fixed tower designed and built by WEC continues to be a popular item. This highly cost-effective modular tower is designed to give excellent stability and wind resistance characteristics. Predominantly installed within secure compound environments, the ST tower displays a business-like appearance many clients prefer.

The original fixed tower designed and built by WEC, naturally evolved into the tilt-over tower range. This family of towers offers all the benefits of the ST range, with the added bonus of tiltability for safe ground level maintenance. This highly cost-effective modular tower is designed to give excellent stability and wind resistance characteristics. Predominantly installed within already secure compound environments, the WD tower displays a business-like appearance many clients prefer, with the added feature of safe ground level maintenance.
Fixed Towers and Tilt-Over Towers
ST and WD Range

**Design Features**
- A cost-effective solution for achieving desired camera height.
- Off the shelf heights up to 10 metres.
- Rigid triangular lattice structure ensures excellent stability characteristics.
- Modular construction for ease of transportation and erection.
- Built in climbing rungs for ease of equipment maintenance.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom modifications and towers tailored to the customer’s requirements.
- Bespoke items in excess of 20 metres.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Fixings included for telemetry receiver.
- Built in cable entry and exit points.
- Two metre sectional construction.
- Equipment loading up to 25kg.
- Buried root or flange-mounted versions available.
- Standard heights available from 4 to 10 metres.
- Compatible with WEC adaptors, accessories and anti-climbs.

**Product Codes**
Buried root type:
- ST4
- ST6
- ST8
- ST10

Flange-mounted type:
- ST4AF
- ST6AF
- ST8AF

(all ex-stock items)

**WD Range**

**Design Features**
- A cost-effective solution for achieving desired camera height.
- The tilt-over tower enables camera maintenance at ground level.
- An ideal installation where health & safety requirements are paramount.
- Off the shelf heights up to 12 metres.
- Maintenance and servicing easily and safely effected by one engineer.
- Rigid triangular lattice structure ensures excellent stability characteristics.
- Modular construction for ease of transportation and erection.
- A transferable winch unit allows multi-site servicing and leaves installation tamper proof.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom modifications and towers tailored to the customer’s requirements.
- Heavy Duty versions now available

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Fixings included for telemetry receiver.
- Built in cable entry and exit points.
- Two metre sectional construction (3 metre on larger towers).
- Equipment loading up to 25kg.
- Buried root or flange-mounted versions available.
- Standard heights available from 4 to 12 metres.
- Compatible with WEC adaptors, accessories and anti-climbs.

**Product Codes**
Buried root type:
- WD4*
- WD6*
- WD8*
- WD10*
- WD10 HD - new!
- WD12
- WD12 HD - new!

Flange-mounted type:
- WD4AF*
- WD6AF*
- WD8AF*
- WD10AF

*Ex-stock items
Static Towers
ST Range

Technical Specification

Maximum equipment load on all towers 25kg.

General Specification
- Galvanized for maximum weather protection & low maintenance
- Standard pan and tilt fixings of 101.6 PCD
- Fixings included for telemetry receiver
- Built in cable entry and exit points
- Two and three metre sectional construction
- Equipment loading of up to 25kg
- Buried root or flange-mounted versions available
- Heights available from 4 to 20 metres
- Compatible with WEC adaptors and accessories

Standards Applicable
- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Welding Procedures: Comply with BS EN 1011-1:2001
- Fasteners: Grade 8.8 BS3692:2001, BS4190:2001, DIN931, DIN934
- Design Wind Loading: In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997

Accessories & Adaptors

<table>
<thead>
<tr>
<th>Part ref.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST/ACB1</td>
<td>Anti Climb Bracket</td>
</tr>
<tr>
<td>ST/ACB1-M</td>
<td>Security mesh welded in lower section</td>
</tr>
<tr>
<td>ST/Painl</td>
<td>Painting in BS4800 &amp; RAL colours</td>
</tr>
<tr>
<td>STAF</td>
<td>Adaptor Flange Version</td>
</tr>
<tr>
<td>ST/SDA</td>
<td>Swept Dome Adaptor</td>
</tr>
<tr>
<td>ST/SDA2</td>
<td>Swept Dome Adaptor Dual</td>
</tr>
<tr>
<td>ST/TCA</td>
<td>Tower Clamp Adaptor</td>
</tr>
<tr>
<td>ST/PT1/S2</td>
<td>1 Pan &amp; Tilt c/w 2 Static Adaptors</td>
</tr>
<tr>
<td>ST/TPTA</td>
<td>Twin Pan &amp; Tilt Adaptor</td>
</tr>
<tr>
<td>ST/4SA</td>
<td>Quadruple Static Adaptor</td>
</tr>
<tr>
<td>ST/3SA</td>
<td>Triple Static Adaptor</td>
</tr>
<tr>
<td>ST/2SA</td>
<td>Twin Static Adaptor</td>
</tr>
<tr>
<td>ST/SA</td>
<td>Pan &amp; Tilt - Single fixed</td>
</tr>
<tr>
<td>ST/CS50-300</td>
<td>Column Spacers 150mm-300mm</td>
</tr>
<tr>
<td>ST/ARB1</td>
<td>Anti rain ballard (cast-in)</td>
</tr>
</tbody>
</table>

Product Ref & Ordering Information

<table>
<thead>
<tr>
<th>Static Tower</th>
<th>Tower Height in Metres</th>
<th>Adaptor Flange</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST</td>
<td>8</td>
<td>AF</td>
</tr>
</tbody>
</table>
Base and Windload Specification

Concrete Foundation Table $X \times Y \times Z$

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>HL</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$A$</td>
<td>$B$</td>
</tr>
<tr>
<td>ST4</td>
<td>4m</td>
<td>$1.0x1.0$</td>
<td>$1.0x1.0$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$0.5m$ Dp.</td>
<td>$0.5m$ Dp.</td>
</tr>
<tr>
<td>ST6</td>
<td>6m</td>
<td>$1.2x1.2$</td>
<td>$1.3x1.3$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$0.65m$ Dp.</td>
<td>$0.65m$ Dp.</td>
</tr>
<tr>
<td>ST8</td>
<td>8m</td>
<td>$1.3x1.3$</td>
<td>$1.4x1.4$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$0.7m$ Dp.</td>
<td>$0.7m$ Dp.</td>
</tr>
<tr>
<td>ST10</td>
<td>10m</td>
<td>$1.4x1.4$</td>
<td>$1.5x1.5$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$0.75m$ Dp.</td>
<td>$0.75m$ Dp.</td>
</tr>
<tr>
<td>ST12</td>
<td>12m</td>
<td>$1.8x1.8$</td>
<td>$1.9x1.9$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$0.9m$ Dp.</td>
<td>$0.95m$ Dp.</td>
</tr>
<tr>
<td>ST15</td>
<td>15m</td>
<td>$2.2x2.2$</td>
<td>$2.3x2.3$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$1.15m$ Dp.</td>
<td>$1.2m$ Dp.</td>
</tr>
<tr>
<td>ST20</td>
<td>20m</td>
<td>$2.5x2.5$</td>
<td>$2.7x2.7$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$1.25m$ Dp.</td>
<td>$1.35m$ Dp.</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed.

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Place cable duct in position, if required, and firmly secure
5. Support root in the excavation using locally supplied timber or similar
6. Ensure all three mounting pads are level and protruding 45mm to 50mm above finished concrete level
7. Pour in concrete, ensuring a mix of C35 to table 6 BS 8110, tamp down and level surface
8. Check that all three pads are still level and leave to cure for a minimum of 72 hours prior to erecting the tower

Technical Support

Our in-house design facility enables us to manufacture towers to any customer specification. The technical sales department will offer expert advise on any exact requirements. Full training and instruction on the erection of towers, fixings, safe use and procedures is available on all WEC products. Project engineers, installation teams and service engineers, will all benefit from practical demonstrations, all of which can be shown on our own test site facility.

AIVWEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE. BB3 2R8. TEL: (01254) 780280. FAX: (01254) 873147. E-MAIL: all@wec.co.uk.net
Technical Specification

General Specification
- Galvanized for maximum weather protection & low maintenance
- Standard pan and tilt fixings of 101.6 PCD
- Fixings included for telemetry receiver
- Built in cable entry and exit points
- Two and three metre sectional construction
- Equipment loading of up to 25kg
- Buried root or flange-mounted versions available
- Heights available from 4 to 12 metres
- Compatible with WEC adaptors and accessories

Safety Notice
It is important that all operatives are familiar with all operating instructions and procedures.

Maximum equipment load on all towers 25kg.

Clear area before lowering tower

Standards Applicable
- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Welding Procedures: Comply with BS 135:1984
- Fasteners: Grade 8.8 BS3692:2001, BS4190:2001, DIN931, DIN934
- Design Wind Loading: In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997

Transferable winch unit allows reduced cost in multi-site servicing and secure installation.

WUA - Heavy duty
WUB - Light duty

Removable Winches
Although the WUA auto brake winch is initially more expensive, it has the versatility to cover the range of WEC products and has a quicker operating action.

Scan this code on your smartphone to access our Product Operating Instructions and Videos or please visit our website
Base and Windload Specification

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>HL</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>WD4</td>
<td>4m</td>
<td>1.0x1.0x1.0</td>
<td>1.0x1.0x1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.5m Dp.</td>
<td>0.5m Dp.</td>
</tr>
<tr>
<td>WD6</td>
<td>6m</td>
<td>1.2x1.2x1.2</td>
<td>1.3x1.3x1.3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.6m Dp.</td>
<td>0.65m Dp.</td>
</tr>
<tr>
<td>WD8</td>
<td>8m</td>
<td>1.3x1.3x1.3</td>
<td>1.4x1.4x1.4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.65m Dp.</td>
<td>0.7m Dp.</td>
</tr>
<tr>
<td>WD10</td>
<td>10m</td>
<td>1.4x1.4x1.4</td>
<td>1.5x1.5x1.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.7m Dp.</td>
<td>0.75m Dp.</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed.

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Place cable duct in position, if required, and firmly secure
5. Support root in the excavation using locally supplied timber or similar
6. Ensure all three mounting pads are level and protruding 45mm to 50mm above finished concrete level
7. Pour in concrete, ensuring a mix of C35 to table 6 BS 8110, tamp down and level surface
8. Check that all three pads are still level and leave to cure for a minimum of 72 hours prior to erecting the tower

Technical Support

Our in-house design facility enables us to manufacture towers to any customer specification. The technical sales department will offer expert advise on any exact requirements. Full training and instruction on the erection of towers, fixings, safe use and procedures is available on all WEC products. Project engineers, installation teams and service engineers, will all benefit from practical demonstrations, all of which can be shown on our own test site facility.

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

- Area A = 44m/s (98mph)
- Area B = 48m/s (107mph)
- Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.

fig. 1

Adaptor Flange

Mounted Type

Ensure mast is perpendicular to the finished concrete level.

All three pads must be level and square.
The highly popular FMT range offers an extremely cost-effective, unobtrusive and practical solution for many camera mounting scenarios. This versatile tubular CCTV column is supplied with a lockable access door and backboard for terminations. Suitable for installation in all areas, this range remains the specifiers preferred choice for the cost-conscious.

The TPT range provides the ultimate in attractive, low maintenance, engineer friendly camera mounting solutions. This CCTV column offers ease of installation, with the major benefit of safe ground level servicing. The TPT range is a robust version of the tilting column, featuring a square section lower post, with a tubular upper section. Suitable for mounting in low risk public areas, the TPT range offers many practical engineering benefits, along with being unobtrusive and aesthetically pleasing.
**Fixed & Tilt-Over Tubular Columns**

**FMT Range**

**Design Features**
- A cost-effective solution for achieving desired camera height.
- Excellent stability characteristics for minimal camera movement.
- Suitable for all public access areas.
- A desirable column where aesthetics are of importance.
- Flange-mounted ‘FM’ type root.
- Direct buried column versions - ‘DB’.
- ‘Pocket’ type roots available for restricted foundation locations.
- Totally concealed cable management facility.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.
- Clamp on camera brackets available.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Inspection/jointing aperture with backboards as standard.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Equipment loading up to 25kg.
- Variety of standard heights up to 12 metres.
- Camera mount bracket adaptors available.
- Heavy Duty versions now available.

**Product Codes**

- Tubular Columns:
  - FMT3*
  - FMT4*
  - FMT5*
  - FMT5 HD* - new!
  - FMT6*
  - FMT6 HD* - new!
  - FMT8*
  - FMT8 HD - new!
  - FMT10
  - FMT10 HD - new!
  - FMT12
  - *Ex-stock items

- DBT3
- DBT4
- DBT5
- DBT6
- DBT8
- DBT10
- DBT5HD
- DBT6HD
- DBT8HD
- DBT10HD

**TPT Range**

**Design Features**
- Solid and practical designs.
- The tilt-over column enables camera maintenance at ground level.
- Ideal installations where health & safety requirements are paramount.
- Maintenance and servicing easily and safely effected by one engineer.
- Rigid structure ensures excellent stability characteristics.
- A transferable winch unit allows multi-site servicing and leaves installation tamper proof.
- A desirable column where aesthetics are of importance.
- Flange-mounted ‘FM’ type root.
- ‘Pocket’ type roots available for restricted foundation locations.
- Totally concealed cable management facility.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.
- Bespoke items available.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Equipment loading up to 25kg.
- Variety of standard heights from 4 to 10 metres.
- Heavy Duty versions now available.

**Product Codes**

- Tubular Columns:
  - TPT4* 
  - TPT5* - new!
  - TPT6*
  - TPT6 HD - new!
  - TPT8*
  - TPT8 HD - new!
  - TPT10
  - *Ex-stock items


**Technical Specification**

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>M' Height</th>
<th>Duty Rating</th>
<th>Baseplate size ('x'B)</th>
<th>Cable access hole Ø'C</th>
<th>Tube Diameter 'D'</th>
<th>Door Aperture H'x'W</th>
<th>Maximum equiv. capty</th>
<th>Weight Kgs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMT3</td>
<td>3 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø127</td>
<td>Ø139</td>
<td>360 x 90</td>
<td>25 Kgs</td>
<td>60 Kgs</td>
</tr>
<tr>
<td>FMT4</td>
<td>4 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø127</td>
<td>Ø139</td>
<td>360 x 90</td>
<td>25 Kgs</td>
<td>75 Kgs</td>
</tr>
<tr>
<td>FMT5</td>
<td>5 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø127</td>
<td>Ø139</td>
<td>360 x 90</td>
<td>25 Kgs</td>
<td>100 Kgs</td>
</tr>
<tr>
<td>FMT6HC</td>
<td>6 metres</td>
<td>Heavy Duty</td>
<td>450x450</td>
<td>Ø155</td>
<td>Ø168</td>
<td>360 x 118</td>
<td>25 Kgs</td>
<td>122 Kgs</td>
</tr>
<tr>
<td>FMT6</td>
<td>6 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø127</td>
<td>Ø139</td>
<td>360 x 90</td>
<td>25 Kgs</td>
<td>157 Kgs</td>
</tr>
<tr>
<td>FMT8</td>
<td>8 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø155</td>
<td>Ø168</td>
<td>360 x 118</td>
<td>25 Kgs</td>
<td>196 Kgs</td>
</tr>
<tr>
<td>FMT8HC</td>
<td>8 metres</td>
<td>Heavy Duty</td>
<td>450x450</td>
<td>Ø200</td>
<td>Ø219</td>
<td>460 x 118</td>
<td>25 Kgs</td>
<td>244 Kgs</td>
</tr>
<tr>
<td>FMT10</td>
<td>10 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø200</td>
<td>Ø219</td>
<td>460 x 118</td>
<td>25 Kgs</td>
<td>317 Kgs</td>
</tr>
<tr>
<td>FMT10HC</td>
<td>10 metres</td>
<td>Heavy Duty</td>
<td>450x450</td>
<td>Ø250</td>
<td>Ø273</td>
<td>556 x 214</td>
<td>25 Kgs</td>
<td>469 Kgs</td>
</tr>
<tr>
<td>FMT12</td>
<td>12 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø250</td>
<td>Ø273</td>
<td>556 x 214</td>
<td>25 Kgs</td>
<td>552 Kgs</td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated.

**Standards Applicable**

- Structural Steelwork:
- General Steelwork:
- Hot Dipped Galvanized:
  - BS EN ISO 1461:2009
- Welding Procedures:
  - Comply with BS EN 1011-2:2001
- Fasteners:
  - Grade 8.8 BS 3692:2001, BS 4190:2001
- DIN931, DIN934
- Design Wind Loading:
  - In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes:
  - BS4800 and RAL colour range

**Accessories & Adaptors**

- FMT/ACB: Anti-Climb Bracket
- FMT/Paint: Paint to BS4800 & RAL Colours
- FMT/SDA: Swept Dome Adaptor
- FMT/SDA2: Swept Dome Adaptor Dual
- FMT/P1-S2: 1 Pan & Tilt c/w 2 Static Adaptors
- FMT/TPTA: Twin Pan & Tilt Adaptor
- FMT/4SA: Quadruple Static Adaptor
- FMT/3SA: Triple Static Adaptor
- FMT/2SA: Twin Static Adaptor
- FMT/1SA: Pan & Tilt - Single Fixed

**Product Ref & Ordering Information**

| FMT/150-300 Column Spacers 150mm-300mm
| FMT/TBC Telemetry Clamp Bracket
| FMT/HD-F High Security Door Option
| FMT/DB Decorative Banding

**Lockable inspection/ joining aperture**

- C/w equipment wooden mounting backboard
- Earthing points within pole & door

**CCTV**
Base and Windload Specification

Concrete Foundation Table X x Y x Z

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>HL</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>FMT4</td>
<td>4m</td>
<td>0.8x0.8x</td>
<td>0.9x0.9x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.6m Dp.</td>
<td>0.45m Dp.</td>
</tr>
<tr>
<td>FMT5</td>
<td>5m</td>
<td>0.9x0.9x</td>
<td>0.9x0.9x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.45m Dp.</td>
<td>0.45m Dp.</td>
</tr>
<tr>
<td>FMT6</td>
<td>6m</td>
<td>1.1x1.1x</td>
<td>1.1x1.1x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.55m Dp.</td>
<td>0.55m Dp.</td>
</tr>
<tr>
<td>FMT8</td>
<td>8m</td>
<td>1.3x1.3x</td>
<td>1.4x1.4x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.65m Dp.</td>
<td>0.7m Dp.</td>
</tr>
<tr>
<td>FMT10</td>
<td>10m</td>
<td>1.5x1.5x</td>
<td>1.6x1.6x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.75m Dp.</td>
<td>0.8m Dp.</td>
</tr>
<tr>
<td>FMT12</td>
<td>12m</td>
<td>1.7x1.7x</td>
<td>1.8x1.8x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.85m Dp.</td>
<td>0.9m Dp.</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed.

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm (min).
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used.
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of column and grout accordingly if required. Torque the nuts to 230-270 Nm (175-200 ft. lb.)
10. When the column has been fitted, protect studs with a suitable protective coating. Denzo tape or similar is recommended for this.

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

Area A = 40m/s (93mph)
Area B = 48m/s (107mph)
Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.
Tilt-Over Tubular Columns
TPT Range

Technical Specification

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>Height ‘H’</th>
<th>Tilt up clearance ‘R’</th>
<th>Post Section ‘P’</th>
<th>Pivot Section ‘St’</th>
<th>Door aperture ‘H’ x ‘W’</th>
<th>Cable access hole Ø‘C’</th>
<th>Maximum equip capty</th>
<th>Weight ‘Kgs’</th>
<th>Winch Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPT4T</td>
<td>4 mtr.</td>
<td>1150</td>
<td>120x120</td>
<td>Ø114</td>
<td>325 x 105</td>
<td>Ø108</td>
<td>25Kgs</td>
<td>92 Kgs</td>
<td>WUA or WUB</td>
</tr>
<tr>
<td>TPT5T</td>
<td>5 mtr.</td>
<td>1150</td>
<td>120x120</td>
<td>Ø114</td>
<td>325 x 105</td>
<td>Ø108</td>
<td>25Kgs</td>
<td>100 Kgs</td>
<td>WUA or WUB</td>
</tr>
<tr>
<td>TPT6T</td>
<td>6 mtr.</td>
<td>1150</td>
<td>120x120</td>
<td>Ø114</td>
<td>325 x 105</td>
<td>Ø108</td>
<td>25Kgs</td>
<td>140 Kgs</td>
<td>WUA or WUB</td>
</tr>
<tr>
<td>TPT8T</td>
<td>8 mtr.</td>
<td>1650</td>
<td>150x150</td>
<td>Ø139</td>
<td>325 x 105</td>
<td>Ø140</td>
<td>25Kgs</td>
<td>305 Kgs</td>
<td>WUA</td>
</tr>
<tr>
<td>TPT10T</td>
<td>10 mtr.</td>
<td>2150</td>
<td>200x200</td>
<td>Ø193</td>
<td>325 x 105</td>
<td>Ø200</td>
<td>25Kgs</td>
<td>335 Kgs</td>
<td>WUA</td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated

Standards Applicable
- Structural Steelwork:
  BS EN 10210-1:1994, BS EN 10210-2:1997
- General Steelwork:
- Hot Dipped Galvanized:
  BS EN ISO 1461:2009
- Fasteners:
  Grade 8.8 BS3692:2001, BS4190:2001 DIN931, DIN934
- Welding Procedures:
  Comply with BS EN 1011-2:2001
- Design Wind Loading:
  In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes:
  BS4800 and RAL colour range

Accessories & Adaptors
- TPT/ACB: Anti-Climb Bracket
- TPT/PA: Paint to BS4800 & RAL Colours
- TPT/SDA: Swept Dome Adaptor
- TPT/SDA2: Swept Dome Adaptor Dual
- TPT/PT-T2: Pan & Tilt c/w 2 Static Adaptors
- TPT/PTA: Twin Pan & Tilt Adaptor
- TPT/3SA: Triple Static Adaptor
- TPT/2SA: Twin Static Adaptor
- TPT/1SA: Pan & Tilt - Single Fixed
- TPT/CS150-300: Column Spacers 150mm-300mm
- TPT/TBC: Telemetry Clamp Bracket
- TPT/HSD-F: High Security Door Option
- TPT/DB: Decorative Banding

Removable Winches
Although the WUA auto brake winch is initially more expensive, it has the versatility to cover the range of WEC products and has a quicker operating action.

Removable Winches
- WUA: WUA Heavy Duty
- WUB: WUB Light Duty

Scan this code on your smartphone to access our Operating Instructions and Videos on our website!
Base and Windload Specification

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>Height</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>TPT4T</td>
<td>4m</td>
<td>10x10x</td>
<td>11x12x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.5m Dp.</td>
<td>0.55m Dp.</td>
</tr>
<tr>
<td>TPT5T</td>
<td>5m</td>
<td>10x10x</td>
<td>11x12x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.5m Dp.</td>
<td>0.55m Dp.</td>
</tr>
<tr>
<td>TPT6T</td>
<td>6m</td>
<td>10x10x</td>
<td>11x12x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.5m Dp.</td>
<td>0.55m Dp.</td>
</tr>
<tr>
<td>TPT8T</td>
<td>8m</td>
<td>12x12x</td>
<td>13x13x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.6m Dp.</td>
<td>0.65m Dp.</td>
</tr>
<tr>
<td>TPT10T</td>
<td>10m</td>
<td>14x14x</td>
<td>15x15x</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.7m Dp.</td>
<td>0.75m Dp.</td>
</tr>
</tbody>
</table>

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

Area A = 44m/s (98mph)
Area B = 48m/s (107mph)
Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommend for this

A minimum soil bearing pressure of 75 KN/m² is assumed
The ever popular FMS square section range offers an extremely cost-effective, unobtrusive practical solution to many camera mounting scenarios. The versatile columns come complete with lockable access doors and backboard for terminations. Suitable for installation in all areas, this range remains a favourite with specifiers and the cost-conscious.

The TPS range provides undoubtedly one of the best low cost, low maintenance, engineer friendly camera mounting solutions. This CCTV column offers ease of installation, with the major benefit of safe ground level servicing. The TPS range is a light/medium duty version of a tilting column, manufactured throughout from square section steel. Suitable for mounting in low risk public areas, the TPS range offers many practical engineering benefits, along with being unobtrusive and aesthetically pleasing.
Fixed & Tilt-Over Square Section Columns
FMS and TPS Range

**FMS Range**

**Design Features**
- A cost-effective solution for achieving desired camera height.
- Excellent stability characteristics for minimal camera movement.
- Suitable for all public access areas.
- A desirable column where aesthetics are of importance.
- Flange-mounted ‘FM’ type root.
- Direct buried column versions - ‘DB’.
- ‘Pocket’ type roots available for restricted foundation locations.
- Totally concealed cable management facility.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.
- CCTV camera mounts available.
- Heavy Duty versions now available.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Inspection/jointing aperture with backboards as standard.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Equipment loading up to 25kg.
- Variety of standard heights up to 8 metres.

**Product Codes**
Square Section Columns:
- FMS3*
- FMS4*
- FMS5*
- FMS5 HD - new!
- FMS6*
- FMS6 HD - new!
- FMS8

*Ex-stock items

- DBS3
- DBS4
- DBS5
- DBS6
- DBS8

New Stock Item! TP55

**TPS Range**

**Design Features**
- Solid and practical designs.
- The tilt-over column enables camera maintenance at ground level.
- Ideal installation where health & safety requirements are paramount.
- Maintenance and servicing easily and safely effected by one engineer.
- Rigid structure ensures excellent stability characteristics.
- A transferable winch unit allows multi-site servicing and leaves installation tamper proof.
- A desirable column where aesthetics are of importance.
- ‘Pocket’ type roots available for restricted foundation locations.
- Totally concealed cable management facility.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.
- Bespoke items available.
- Heavy Duty versions now available

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Equipment loading up to 25kg.
- Variety of standard heights from 4 to 10 metres.

**Product Codes**
Tubular Columns:
- TPS4*
- TPS5* - new!
- TPS6*
- TPS6 HD - new!
- TPS8*
- TPS8 HD - new!
- TPS10

*Ex-stock items
Fixed Square Section Columns
FMS Range

Technical Specification

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>'W' Height</th>
<th>Duty rating</th>
<th>Baseplate size (XxY)</th>
<th>Cable access hole Ø(C)</th>
<th>Section 'S'</th>
<th>Door aperture 'H' x 'W'</th>
<th>Maximum equip. capacity</th>
<th>Weight Kgs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMS3</td>
<td>3 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø90</td>
<td>100 Sq.</td>
<td>425 x 70</td>
<td>25Kg.</td>
<td>60Kg.</td>
</tr>
<tr>
<td>FMS4</td>
<td>4 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø90</td>
<td>100 Sq.</td>
<td>425 x 70</td>
<td>25Kg.</td>
<td>75Kg.</td>
</tr>
<tr>
<td>FMS5</td>
<td>5 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø90</td>
<td>100 Sq.</td>
<td>425 x 70</td>
<td>25Kg.</td>
<td>120Kg.</td>
</tr>
<tr>
<td>FMS5HD</td>
<td>Heavy duty</td>
<td>450x450</td>
<td>Ø90</td>
<td>120 Sq.</td>
<td>425 x 80</td>
<td>25Kg.</td>
<td>142Kg.</td>
<td></td>
</tr>
<tr>
<td>FMS6</td>
<td>6 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø90</td>
<td>120 Sq.</td>
<td>425 x 80</td>
<td>25Kg.</td>
<td>137Kg.</td>
</tr>
<tr>
<td>FMS6HD</td>
<td>Heavy duty</td>
<td>450x450</td>
<td>Ø140</td>
<td>150 Sq.</td>
<td>425 x 10</td>
<td>25Kg.</td>
<td>162Kg.</td>
<td></td>
</tr>
<tr>
<td>FMS8</td>
<td>8 metres</td>
<td>Standard</td>
<td>450x450</td>
<td>Ø90</td>
<td>120 Sq.</td>
<td>425 x 80</td>
<td>25Kg.</td>
<td>196Kg.</td>
</tr>
<tr>
<td>FMS8HD</td>
<td>Heavy duty</td>
<td>450x450</td>
<td>Ø140</td>
<td>150 Sq.</td>
<td>425 x 10</td>
<td>25Kg.</td>
<td>244Kg.</td>
<td></td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated.

Standards Applicable
- Structural Steelwork:
  BS EN 10210-1:1994, BS EN 10210-2:1997
- General Steelwork: BS1449:1991
- BS1387:1985, BS EN 10025:1993
- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Welding Procedures: Comply with BS EN 1011-1:2001
- Fasteners: Grade 8.8 BS3692:2001, BS4190:2001
- DIN931, DIN934
- Design Wind Loading: In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range

Accessibility & Adaptors
- FMS/ACB: Anti-Climb Bracket
- FMS/Paint: Paint to BS4800 & RAL Colours
- FMS/SDA: Swept Dome Adaptor
- FMS/SDA2: Swept Dome Adaptor Dual
- FMS/PT1-S2: Pan & Tilt c/w 2 Static Adaptors
- FMS/PTA: Twin Pan & Tilt Adaptor
- FMS/4SA: Quadruple Static Adaptor
- FMS/3SA: Triple Static Adaptor
- FMS/2SA: Twin Static Adaptor
- FMS/1SA: Pan & Tilt - Single Fixed

Product Ref & Ordering Information
- FMS/CS150-300: Column Spacers 150mm-300mm
- FMS/TBC: Telemetry Clamp Bracket
- FMS/HSD-F: High Security Door Option
- FMS/DB: Decorative Banding

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARWIN, LANCASHIRE, BB3 2AD. TEL: (01254) 700200. FAX: (01254) 797437. E-MAIL: info@wecuk.net
Base and Windload Specification

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>FM3</td>
<td>0.8x0.8x0.8</td>
<td>0.8x0.8x0.8</td>
</tr>
<tr>
<td></td>
<td>0.6m Op, 0.4m Op, 0.6m Op, 0.4m Op</td>
<td>0.6m Op, 0.4m Op, 0.6m Op, 0.4m Op</td>
</tr>
<tr>
<td>FM4</td>
<td>0.8x0.8x0.8</td>
<td>0.8x0.8x0.8</td>
</tr>
<tr>
<td></td>
<td>0.6m Op, 0.4m Op, 0.6m Op, 0.4m Op</td>
<td>0.6m Op, 0.4m Op, 0.6m Op, 0.4m Op</td>
</tr>
<tr>
<td>FMSSD</td>
<td>1.0x1.0x1.0</td>
<td>1.0x1.0x1.0</td>
</tr>
<tr>
<td></td>
<td>0.6m OP, 0.5m Op, 0.6m Op, 0.5m Op</td>
<td>0.6m Op, 0.5m Op, 0.6m Op, 0.5m Op</td>
</tr>
<tr>
<td>FM6</td>
<td>1.0x1.0x1.0</td>
<td>1.0x1.0x1.0</td>
</tr>
<tr>
<td></td>
<td>0.6m Op, 0.5m Op, 0.6m Op, 0.5m Op</td>
<td>0.6m Op, 0.5m Op, 0.6m Op, 0.5m Op</td>
</tr>
<tr>
<td>FM8</td>
<td>1.2x1.2x1.2</td>
<td>1.2x1.2x1.2</td>
</tr>
<tr>
<td></td>
<td>0.6m Op, 0.6m Op, 0.6m Op, 0.6m Op</td>
<td>0.6m Op, 0.6m Op, 0.6m Op, 0.6m Op</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly
10. When the column has been fitted, protect the studs with a suitable protective coating; Denzo tape or similar is recommend for this

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

Area A = 44m/s (98mph)
Area B = 48m/s (107mph)
Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.
Tilt-Over Square Section Columns

TPS Range

Technical Specification

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>Height (m)</th>
<th>Tilt-Off Clearance (mm)</th>
<th>Post Section (mm)</th>
<th>Pivot Section (mm)</th>
<th>Door Aperture (mm)</th>
<th>Cable Access Hole (mm)</th>
<th>Maximum Equip Capaty (Kgs)</th>
<th>Weight (Kgs)</th>
<th>Winch Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPS</td>
<td>4</td>
<td>1150</td>
<td>120x120</td>
<td>100x100</td>
<td>325 x 325</td>
<td>Ø108</td>
<td>25Kgs</td>
<td>140Kgs</td>
<td>WUA or WUB</td>
</tr>
<tr>
<td>TPS5</td>
<td>5</td>
<td>1150</td>
<td>120x120</td>
<td>100x100</td>
<td>325 x 325</td>
<td>Ø108</td>
<td>25Kgs</td>
<td>140Kgs</td>
<td>WUA or WUB</td>
</tr>
<tr>
<td>TPS6</td>
<td>6</td>
<td>1150</td>
<td>120x120</td>
<td>100x100</td>
<td>325 x 325</td>
<td>Ø108</td>
<td>25Kgs</td>
<td>140Kgs</td>
<td>WUA or WUB</td>
</tr>
<tr>
<td>TPS8</td>
<td>8</td>
<td>1650</td>
<td>150x150</td>
<td>120x120</td>
<td>325 x 325</td>
<td>Ø140</td>
<td>25Kgs</td>
<td>305Kgs</td>
<td>WUA</td>
</tr>
<tr>
<td>TPS10</td>
<td>10</td>
<td>2150</td>
<td>200x200</td>
<td>150x150</td>
<td>325 x 325</td>
<td>Ø200</td>
<td>25Kgs</td>
<td>335Kgs</td>
<td>WUA</td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated

Standards Applicable
- General Steelwork: BS1449:1991
- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Welding Procedures: Comply with BS EN 1011-2:2001
- Fasteners: Grade 8.8 BS3692:2001, BS4190:2001 DIN931, DIN934
- Design Wind Loading: In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range

Scan this code on your smartphone to access our Operating Instructions and Videos!

Accessories & Adaptors
- TPS/abus - Anti-Climb Bracket
- TPS/paint - Paint to BS4800 & RAL Colours
- TPS/SDA - Swept Dome Adaptor
- TPS/SDA2 - Swept Dome Adaptor Dual
- TPS/PTI-S2 - 1 Pan & Tilt c/w 2 Static Adaptors
- TPS/TPTA - Twin Pan & Tilt Adaptor
- TPS/3SA - Triple Static Adaptor
- TPS/2SA - Twin Static Adaptor
- TPS/1SA - Pan & Tilt - Single Fixed
- TPS/CS150-300 - Column Spacers 150mm-300mm
- TPS/TBC - Telemetry Clamp Bracket
- TPS/HSD-F - High Security Door Option
- TPS/DB - Decorative Banding
- Removable Winches
  Although the WUA auto brake winch is initially more expensive, it has the versatility to cover the range of WEC products and has a quicker operating action.

Product Ref & Ordering Information
- TP 8 S DB
  - TP - Product (Tilt-Pole)
  - 8 - Pole Height in Metres
  - S - Section Square
  - DB - Root (Direct Burial)
Base and Windload Specification

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>Height</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPS 4m</td>
<td>41x41</td>
<td>0.25 m Dp, 0.25m Dp</td>
<td>0.5m Dp, 0.25m Dp, 0.5m Dp</td>
</tr>
<tr>
<td>TPS 5m</td>
<td>51x51</td>
<td>0.25 m Dp, 0.25m Dp</td>
<td>0.5m Dp, 0.25m Dp, 0.5m Dp</td>
</tr>
<tr>
<td>TPS 6m</td>
<td>61x61</td>
<td>0.25 m Dp, 0.25m Dp</td>
<td>0.5m Dp, 0.25m Dp, 0.5m Dp</td>
</tr>
<tr>
<td>TPS 8m</td>
<td>81x81</td>
<td>0.25 m Dp, 0.25m Dp</td>
<td>0.5m Dp, 0.25m Dp, 0.5m Dp</td>
</tr>
<tr>
<td>TPS 10m</td>
<td>101x101</td>
<td>0.25 m Dp, 0.25m Dp</td>
<td>0.5m Dp, 0.25m Dp, 0.5m Dp</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed.

Installation Method

1. From the map, select location of installation.
2. Excavate as per recommended area and depth.
3. Assemble root base as shown in fig. 1.
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation.
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well.
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used.
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column.
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly.
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommend for this.

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

- Area A = 44m/s (98mph)
- Area B = 48m/s (107mph)
- Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.
The original and highly popular FMT tubular section range has, over a period of time, evolved into more decorative and aesthetically pleasing versions. The FMV range is the modern day CCTV version of the Victorian gas light column and amongst its features are ornamental cast iron decorations to the base, shoulder and shaft. This ‘retro’ column is now the consultants and specifiers first choice for heritage sensitive applications. The sister column to the FMV is the LPS. This version of the FMT emulates the traditional street lighting column, whereby the column has a larger circular base section, tapering into the standard shaft. The base section, before tapering into the CCTV shaft, is larger than the normal streetlight and has the ability to house control equipment.
Decorative and Lamp Post Style Columns
FMV and LPS Range

**FMV Range**

**Design Features**
- Excellent stability characteristics for minimal camera movement.
- Suitable for all public access areas.
- Highly recommended for heritage sensitive applications.
- Flange-mounted ‘FM’ type root.
- ‘Pocket’ type roots available for restricted foundation locations.
- Totally concealed cable management facility.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Inspection/jointing aperture with backboards as standard.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Equipment loading up to 25kg.
- Standard paint finished included on FMV columns.
- Variety of standard heights up to 6 metres.

**Product Codes**
Victorian Range:
- FMV4
- FMV5
- FMV6

**LPS Range**

**Design Features**
- Excellent stability characteristics for minimal camera movement.
- A desirable column where aesthetics are of prime importance.
- Suitable for all public access areas.
- Flange-mounted ‘FM’ type root.
- ‘Pocket’ type roots available for restricted foundation locations.
- Heavy duty versions available.
- Totally concealed cable management facility.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Inspection/jointing aperture with backboards as standard.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Equipment loading up to 25kg.
- Variety of standard heights up to 10 metres.

**Product Codes**
Street Light Style Columns:
- LPS4
- LPS5
- LPS6
- LPS8
- LPS10
- LPS8HD
- LPS10HD

Various colours and finishes available! Also available in Stainless Steel!
Technical Specification

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>'M' Height</th>
<th>Base size 'D1'</th>
<th>Column size 'D2'</th>
<th>Baseplate size 'L x W'</th>
<th>Cable access hole ØC</th>
<th>Door aperture 'H x W'</th>
<th>Maximum equip. capity</th>
<th>Weight Kgs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMVSA3</td>
<td>3 metres</td>
<td>0.168</td>
<td>0.114</td>
<td>450 x 450</td>
<td>0.000</td>
<td>455 x 110</td>
<td>25 Kg</td>
<td>19 Kg</td>
</tr>
<tr>
<td>FMVTU3</td>
<td>3 metres</td>
<td>0.193</td>
<td>0.139</td>
<td>450 x 450</td>
<td>0.000</td>
<td>455 x 110</td>
<td>25 Kg</td>
<td>17 Kg</td>
</tr>
<tr>
<td>TCVW1B</td>
<td>5.00 sq.</td>
<td>0.168</td>
<td>0.114</td>
<td>645 x 645</td>
<td>0.025</td>
<td>746 x 312</td>
<td>25 Kg</td>
<td>21 Kg</td>
</tr>
<tr>
<td>FMVSA4</td>
<td>4 metres</td>
<td>0.168</td>
<td>0.114</td>
<td>450 x 450</td>
<td>0.000</td>
<td>455 x 110</td>
<td>25 Kg</td>
<td>18 Kg</td>
</tr>
<tr>
<td>FMVTU4</td>
<td>4 metres</td>
<td>0.193</td>
<td>0.139</td>
<td>450 x 450</td>
<td>0.000</td>
<td>455 x 110</td>
<td>25 Kg</td>
<td>21 Kg</td>
</tr>
<tr>
<td>TCVW16</td>
<td>5.00 sq.</td>
<td>0.168</td>
<td>0.114</td>
<td>645 x 645</td>
<td>0.025</td>
<td>746 x 312</td>
<td>25 Kg</td>
<td>23 Kg</td>
</tr>
<tr>
<td>FMVSA6</td>
<td>6 metres</td>
<td>0.219</td>
<td>0.139</td>
<td>450 x 450</td>
<td>0.000</td>
<td>455 x 110</td>
<td>25 Kg</td>
<td>24 Kg</td>
</tr>
<tr>
<td>FMVST6</td>
<td>6 metres</td>
<td>0.219</td>
<td>0.139</td>
<td>450 x 450</td>
<td>0.000</td>
<td>455 x 110</td>
<td>25 Kg</td>
<td>22 Kg</td>
</tr>
<tr>
<td>TCVW16</td>
<td>5.00 sq.</td>
<td>0.168</td>
<td>0.114</td>
<td>645 x 645</td>
<td>0.025</td>
<td>746 x 312</td>
<td>25 Kg</td>
<td>28 Kg</td>
</tr>
<tr>
<td>TCVW18</td>
<td>8 metres</td>
<td>0.168</td>
<td>0.114</td>
<td>645 x 645</td>
<td>0.025</td>
<td>746 x 312</td>
<td>25 Kg</td>
<td>29 Kg</td>
</tr>
<tr>
<td>TCVW20</td>
<td>10 metres</td>
<td>0.168</td>
<td>0.219</td>
<td>645 x 645</td>
<td>0.025</td>
<td>746 x 312</td>
<td>25 Kg</td>
<td>33 Kg</td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated

Standards Applicable
- Structural steelwork:
  BS EN 10210-1:1994
  BS EN 10210-2:1997
- General steelwork:
  BS1449:1991, BS1387:1985
  BS EN 10025:1993
- Hot Dipped Galvanized:
  BS EN ISO 1461:2009
- Welding Procedures:
  Comply with BS EN 1011-2:2001
- Fasteners: Grade 8.8 BS3692:2001
  BS4190:2001, DIN931, DIN934
- Design Wind Loading:
  In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint finishes:
  BS4800 and RAL colour range

Accessories & Adaptors
- FMV/ACB Anti-Climb Bracket
- FMV/Paint Paint to BS4800 & RAL Colours
- FMV/SDA Swept Dome Adaptor
- FMV/PT1-S2 1 Pan & Tilt c/w 2 Static Adaptors
- FMV/TPTA Twin Pan & Tilt Adaptor
- FMV/4SA Quadruple Static Adaptor
- FMV/3SA Triple Static Adaptor
- FMV/2SA Twin Static Adaptor
- FMV/1SA Pan & Tilt - Single Fixed
- FMV/CS150-300 Column Spacers 150mm-300mm
- FMV/TBC Telemetry Clamp Bracket
- FMV/HSD-F High Security Door Option

Product Ref & Ordering Information
Base and Windload Specification

Concrete Foundation Table $X \times Y \times Z$

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>Height</th>
<th>Area of Country A</th>
<th>Area of Country B</th>
<th>Area of Country C</th>
<th>Area of Town A</th>
<th>Area of Town B</th>
<th>Area of Town C</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMVTU3</td>
<td>8m</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
</tr>
<tr>
<td>FMVS4A</td>
<td>4m</td>
<td>0.9x0.9x</td>
<td>0.9x0.9x</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.9x0.9x</td>
</tr>
<tr>
<td>FMVTU6</td>
<td>5m</td>
<td>1.0x1.0x</td>
<td>0.5x0.5x</td>
<td>0.5x0.5x</td>
<td>0.9x0.9x</td>
<td>0.9x0.9x</td>
<td>1.0x1.0x</td>
</tr>
<tr>
<td>FMVTU8</td>
<td>8m</td>
<td>1.3x1.3x</td>
<td>0.65x0.65x</td>
<td>0.65x0.65x</td>
<td>1.2x1.2x</td>
<td>1.2x1.2x</td>
<td>1.3x1.3x</td>
</tr>
<tr>
<td>FMVTU10</td>
<td>10m</td>
<td>1.5x1.5x</td>
<td>0.75x0.75x</td>
<td>0.75x0.75x</td>
<td>1.4x1.4x</td>
<td>1.4x1.4x</td>
<td>1.5x1.5x</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed.

Installation Method

1. From the map, select location of installation.
2. Excavate as per recommended area and depth.
3. Assemble root base as shown in fig. 1.
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation.
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well.
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used.
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column.
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly.
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommended for this.

All studs must be level and square.
## Technical Specification

### Standards Applicable
- **Structural Steelwork:**
  - BS EN 10210-1:1994
  - BS EN 10210-2:1997
- **General Steelwork:**
  - BS1449:1991, BS1387:1985
  - BS EN 10025:1993
- **Hot Dipped Galvanized:**
  - BS EN ISO 1461:2009
- **Welding Procedures:**
  - Comply with BS EN 1011-2:2001
- **Fasteners:**
  - Grade 8.8 BS3692:2001, BS4190:2001, DIN931, DIN934
- **Design Wind Loading:**
  - In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- **Paint Finishes:**
  - BS4800 and RAL colour range

### Accessories & Adaptors
- **LPS/ACB** Anti-Climb Bracket
- **LPS/Paint** Paint to BS4800 & RAL Colours
- **LPS/SDA** Swept Dome Adaptor
- **LPS/SDA2** Swept Dome Adaptor Dual
- **LPS/PT1-S2** 1 Pan & Tilt c/w 2 Static Adaptors
- **LPS/TPTA** Twin Pan & Tilt Adaptor
- **LPS/3SA** Triple Static Adaptor
- **LPS/2SA** Twin Static Adaptor
- **LPS/1SA** Pan & Tilt - Single Fixed

### Column Spacers 150mm-300mm
- **LPS/CS150-300**
- **LPS/TBC** Telemetry Clamp Bracket
- **LPS/SDS-F** High Security Door Option
- **LPS/DB** Decorative Banding

### Product Ref & Ordering Information
- **LAMP POST STYLE - TUBULAR**
- **Column Height in Metres**
- **Heavy Duty Column** when minimum deflection is required i.e. high zoom lens camera

### Lamp Post Style Tubular Columns

### Lamp Post Style Tubular Column Dimensions

#### Suggested finish floor level

#### Lockable inspection/ joining aperture

#### c/w equipment wooden mounting backboard

#### High security door option

#### Earthing points within pole & door

#### Baseplate to suit ‘FM’ root (details overleaf)
Lamp Post Style Tubular Columns
LPS Range

Base and Windload Specification

<table>
<thead>
<tr>
<th>Concrete Foundation Table X x Y x Z</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model Ref</strong></td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>LPS3</td>
</tr>
<tr>
<td>LPS4</td>
</tr>
<tr>
<td>LPS5</td>
</tr>
<tr>
<td>LPS6</td>
</tr>
<tr>
<td>LPS8</td>
</tr>
<tr>
<td>LPS10</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly.
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommend for this

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

Area A = 44m/s (98mph)
Area B = 48m/s (107mph)
Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.
The TC and CB range of CCTV columns remain the specifiers number one choice for cabinet based columns, for use within city centre and urban schemes. The 400 square cabinet remains the mainstay of this range of columns, with cabinet options of 325 and 500 square readily available for terminating all communication and electrical needs. The proven design, along with many versatile features, keep it at the forefront of CCTV street furniture and it is still the industry standard.

The TC and CB range naturally evolved into the TCTO and CBTO range of tilt-over columns, for use within city centre and urban schemes. The added bonus of maintenance at ground level make this a popular and safe first choice where access for maintenance is of concern. The 400 square cabinet remains the mainstay of this range, with the 325 cabinet option readily available. The sturdy, proven design, along with many versatile features, keep it at the forefront of CCTV urban furniture with the added bonus of tiltability.
Fixed & Tilt-Over Cabinet Base
TC, CB, TCTO, CBTO Range

Design Features
- The ideal column for urban CCTV schemes.
- Proven design accepted by the Highways Agency.
- Integral lockable cabinet base for housing telemetry, fibre optics, spurs etc.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high profile places.
- Suitable for all public access areas.
- Desirable columns where aesthetics are of importance.
- Totally concealed cable management facility.
- High security and ‘vault’ door options for high risk areas.
- Decorative and ornamental versions available.
- Options include double doors and split cabinets.
- Telecom cell scheme versions available.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.

General Specifications
- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Flange-mounted ‘TC’ type root.
- ‘Pocket’ type roots available for restricted foundation locations.
- Equipment loading up to 25kg.
- Variety of standard heights from 3 to 15 metres.

Product Codes
400/500 TC Range:
- TC3
- TC4
- TC5
- TC6
- TC7
- TC8
- TC10
- TC12
- TC15

325 CB Range:
- CB4
- CB5
- CB6
- CB8

TCTO & CBTO Range

Design Features
- The versatile column for urban CCTV schemes.
- Proven design accepted by the Highways Agency.
- The tilt-over column enables safe camera maintenance at ground level.
- Integral lockable cabinet base for housing telemetry, fibre optics, spurs etc.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high profile places.
- Suitable for all public access areas.
- Desirable columns where aesthetics are of importance.
- Totally concealed cable management facility.
- High security and ‘vault’ door options for high risk areas.
- A transferable winch which allows multi-site servicing and leaves installation tamper proof.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.

General Specifications
- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Flange-mounted ‘TC’ type root.
- ‘Pocket’ type roots available for restricted foundation locations.
- Equipment loading up to 25kg.
- Variety of standard heights from 4 to 10 metres.

Product Codes
400 TCTO Range:
- TC4TO
- TC5TO
- TC6TO
- TC7TO
- TC8TO
- TC10TO

325 CBTO Range:
- CB4TO
- CB5TO
- CB6TO
- CB8TO
Fixed & Tilt-Over Cabinet Base
TC & TCTO Range

Technical Specification

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>‘M’ Height</th>
<th>Tilling Rear Clearance ‘R’</th>
<th>Baseplate size ‘BxP’</th>
<th>Tube diam. ‘D’</th>
<th>Cube access hole ‘C’</th>
<th>Maximum cube capacity</th>
<th>Weight Kgs</th>
<th>Winch Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC3</td>
<td>3 metres</td>
<td>n/a</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>181.9 Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>TC4</td>
<td>4 metres</td>
<td>n/a</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>208.6 Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>TC04</td>
<td>5 metres</td>
<td>1220</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>226.4 Kgs</td>
<td>WUA</td>
</tr>
<tr>
<td>TC5</td>
<td>6 metres</td>
<td>n/a</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>228.3 Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>TC05</td>
<td>7 metres</td>
<td>1220</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>246.3 Kgs</td>
<td>WUA</td>
</tr>
<tr>
<td>TC6</td>
<td>8 metres</td>
<td>n/a</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>248.6 Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>TC06</td>
<td>9 metres</td>
<td>1220</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>266.2 Kgs</td>
<td>WUA</td>
</tr>
<tr>
<td>TC8</td>
<td>10 metres</td>
<td>n/a</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>288.2 Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>TC08</td>
<td>11 metres</td>
<td>1220</td>
<td>550x550</td>
<td>0.168</td>
<td>325x325</td>
<td>25Kg</td>
<td>331.9 Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>TC10</td>
<td>12 metres</td>
<td>n/a</td>
<td>645x645</td>
<td>0.219</td>
<td>325x325</td>
<td>25Kg</td>
<td>349.8 Kgs</td>
<td>WUA</td>
</tr>
<tr>
<td>TC10HD</td>
<td>13 metres</td>
<td>n/a</td>
<td>645x645</td>
<td>0.273</td>
<td>325x325</td>
<td>25Kg</td>
<td>516.1 Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>TC12</td>
<td>14 metres</td>
<td>n/a</td>
<td>645x645</td>
<td>0.273</td>
<td>325x325</td>
<td>25Kg</td>
<td>598.9 Kgs</td>
<td>n/a</td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated

Standards Applicable
- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Fasteners: Grade 8.8 BS3692:2001
- Welding Procedures: Comply with BS EN ISO 1461:2009
- Design Wind Loading: In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range

4 holes - for standard PTZ camera fixings equi-spaced on 101.6 PCD

Options & Accessories
- Enlarged cabinet (500 Sq.)
- All pan/tilt, dome, fixed camera mount bracketry
- Transferable winch for tilt-over columns
- Double door access (partitioned cabinet)
- Camera wash equipment (static columns only)
- Ornate camera mounting brackets

Product Ref & Ordering Information

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE, BB3 2AB. TEL: (01254) 700200. FAX: (01254) 873473. E-MAIL: sales@wec.uk.net
Fixed & Tilt-Over Cabinet Base
TC & TCTO Range

Base and Windload Specification

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>Height</th>
<th>Area of Country A</th>
<th>Area of Country B</th>
<th>Area of Country C</th>
<th>Area of Town A</th>
<th>Area of Town B</th>
<th>Area of Town C</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC3</td>
<td>3m</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
</tr>
<tr>
<td>TC4</td>
<td>4m</td>
<td>0.8x0.8x</td>
<td>0.45m Dp</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.45m Dp</td>
</tr>
<tr>
<td>TCTO6</td>
<td>5m</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
</tr>
<tr>
<td>TC5</td>
<td>5m</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
</tr>
<tr>
<td>TCTO6</td>
<td>6m</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
</tr>
<tr>
<td>TC8</td>
<td>7m</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
</tr>
<tr>
<td>TC10</td>
<td>10m</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
</tr>
<tr>
<td>TC12</td>
<td>12m</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
<td>0.9x0.9x</td>
<td>0.8x0.8x</td>
<td>0.8x0.8x</td>
<td>0.5m Dp</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed.

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommend for this

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.
BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE, BB3 2BH. TEL: (01254) 700200. FAX: (01254) 707437. E-MAIL: info@wecuk.net
Fixed & Tilt-Over Cabinet Base
CB & CBTO Range

Technical Specification

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>'M' Height</th>
<th>Tiling rear clearance 'R'</th>
<th>Maximum equipment capacity</th>
<th>Shaft diameter 'D'</th>
<th>Weight Kgs</th>
<th>Winch Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB4</td>
<td>4 metres</td>
<td>n/a</td>
<td>25Kgs</td>
<td>Ø19</td>
<td>175Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>CBTO4</td>
<td>1220</td>
<td>4 holes - for standard PTZ camera fixings equi-spaced on 101.6 PCD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CB5</td>
<td>5 metres</td>
<td>n/a</td>
<td>25Kgs</td>
<td>Ø19</td>
<td>193Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>CBTO5</td>
<td>1220</td>
<td>4 holes - for standard PTZ camera fixings equi-spaced on 101.6 PCD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CB6</td>
<td>6 metres</td>
<td>n/a</td>
<td>25Kgs</td>
<td>Ø19</td>
<td>215Kgs</td>
<td>n/a</td>
</tr>
<tr>
<td>CBTO6</td>
<td>1220</td>
<td>4 holes - for standard PTZ camera fixings equi-spaced on 101.6 PCD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CB8</td>
<td>8 metres</td>
<td>n/a</td>
<td>25Kgs</td>
<td>Ø19</td>
<td>262Kgs</td>
<td>WUA</td>
</tr>
<tr>
<td>CBTO8</td>
<td>1220</td>
<td>4 holes - for standard PTZ camera fixings equi-spaced on 101.6 PCD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated

Standards Applicable
- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Welding Procedures: Comply with BS EN 1011-2:2001
- Fasteners: Grade 8.8 BS3692:2001 BS4190:2001, DIN931, DIN934
- Design Wind Loading: In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range

Accessories & Adaptors

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB(TO)/ACB</td>
<td>Anti-Climb Bracket</td>
</tr>
<tr>
<td>CB(TO)/Paint</td>
<td>Paint to BS4800 &amp; RAL Colours</td>
</tr>
<tr>
<td>CB(TO)/SDA</td>
<td>Swept Dome Adaptor</td>
</tr>
<tr>
<td>CB(TO)/PT1-S2</td>
<td>1 Pan &amp; Tilt c/w 2 Static Adaptors</td>
</tr>
<tr>
<td>CB(TO)/SDA2</td>
<td>Swept Dome Adaptor Dual</td>
</tr>
<tr>
<td>CB(TO)/PTIA</td>
<td>Twin Pan &amp; Tilt Adaptors</td>
</tr>
<tr>
<td>CB(TO)/TPTA</td>
<td>Twin Static Adaptor</td>
</tr>
<tr>
<td>CB(TO)/1SA</td>
<td>Pan &amp; Tilt - Single Fixed</td>
</tr>
<tr>
<td>CB(TO)/CS150-300</td>
<td>Column Spacers 150mm-300mm</td>
</tr>
<tr>
<td>CB(TO)/TBC</td>
<td>Telemetry Clamp Bracket</td>
</tr>
<tr>
<td>CB(TO)/HSD-F</td>
<td>High Security Door Option</td>
</tr>
<tr>
<td>CB(TO)/LS</td>
<td>Ladder Support</td>
</tr>
</tbody>
</table>

Product Ref & Ordering Information

<table>
<thead>
<tr>
<th>Model Ref.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB TO 6</td>
<td>325 Sq. Cabinet Based Column</td>
</tr>
<tr>
<td>325 Sq. Cabinet Based Column</td>
<td>Tilt-Over Column</td>
</tr>
</tbody>
</table>

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DAWREN, LANCASHIRE, BB3 2BA. TEL: (01254) 700200 FAX: (01254) 879437. E-MAIL: info@wec.co.uk
Fixed & Tilt-Over Cabinet Base
CB & CBTO Range

Base and Windload Specification

Concrete Foundation Table X x Y x Z

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>Height</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>CB3</td>
<td>3m</td>
<td>0.8x0.8x0.8m</td>
<td>0.4m Dp</td>
</tr>
<tr>
<td>CB4</td>
<td>4m</td>
<td>0.9x0.9x0.9m</td>
<td>0.45m Dp</td>
</tr>
<tr>
<td>CBTO4</td>
<td>5m</td>
<td>1.0x1.0x1.0m</td>
<td>0.5m Dp</td>
</tr>
<tr>
<td>CB5</td>
<td>6m</td>
<td>1.1x1.1x1.1m</td>
<td>0.55m Dp</td>
</tr>
<tr>
<td>CBTO6</td>
<td>7m</td>
<td>1.2x1.2x1.2m</td>
<td>0.6m Dp</td>
</tr>
<tr>
<td>CB8</td>
<td>8m</td>
<td>1.3x1.3x1.3m</td>
<td>0.65m Dp</td>
</tr>
<tr>
<td>CBTO8</td>
<td></td>
<td>1.4x1.4x1.4m</td>
<td>0.7m Dp</td>
</tr>
<tr>
<td>CBTO9</td>
<td></td>
<td>1.5x1.5x1.5m</td>
<td>0.75m Dp</td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed.

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly. Torque the nuts to 230-270 Nm (175-200 fl. lb.)
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommend for this

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

Area A = 44m/s (98mph)
Area B = 48m/s (107mph)
Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.
Fixed & Tilt-Over Cabinet Base
TC, CB, TCTO, CBTO Accessories

- Conduit gland M25 threaded entry
- Tube to wiper spray nozzle
- Venting as standard
- Range of ornate arms available
- Outline of customer CCTV camera

- Cabinet size options 325 / 400 / 500
- Option Condensation drip tray with outlet pipe
- 400 Sq. cabinet
- CCTV equipment mounted onto marine ply backboard
- Access door for wash bottle
- 5 litre wash bottle
- Removable access door
- 3 options available - TCD - HSD - 4PL
- Double door access for partitioned cabinet (TC & CB only)
- Fan assisted cooling
- Tamperproof micro switch
- ‘Pocket’ type root available as an option
Optional Extras

Door Options

<table>
<thead>
<tr>
<th>Moderate risk area 2 point locking</th>
<th>High risk area 3 point locking</th>
<th>Very high risk area 4 point locking</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCD Standard door</td>
<td>HSD High security door</td>
<td>4PL ‘Vault’ type door</td>
</tr>
<tr>
<td>Compression latches, locks door &amp; pulls tight with one half turn</td>
<td>High security lock w/ protection shroud</td>
<td>Tamperproof escutcheon plate</td>
</tr>
</tbody>
</table>

One key required
- Louvered door
- Close fitting and flush door
- Self grip rubber door seal
- Secure compression locks
- Earthing lugs

Two keys required
- Louvered door
- Close fitting and flush door
- Self grip rubber door seal
- 2 secure compression locks and 1 high security lock
- Earthing lugs
- Protection shrouds for each lock

Three keys required
- Louvered door
- Close fitting and flush door
- 2 high security locks
- Earthing lugs
- Tamperproof escutcheons for each lock
- Stainless steel locking mechanism

CCTV
The well established TC range of CCTV columns have evolved into extremely high security and vandal deterrent items. These columns are being used with success in out of town areas that demand a tamper proof and vandal resistant product. The 400 square cabinet remains the mainstay of this range, however the anti-vandal range has a double skinned cabinet fitted with an outer ‘hidden lock’ door and an inner ‘vault’ door. The column shaft features a loose cover sleeve that will turn should the shaft be attacked with mechanical cutting equipment. The vandal deterrent column is based on the standard 400 square cabinet and features a ‘vault’ door, however the cabinet and shaft are constructed from a single skin of high grade, heavy duty steel. Both the AV and AD ranges can be supplied with the anti-ram raid base structure or anti-ram bollards to protect the column. When using these types of column, it is advisable to protect the exposed camera from vandalism with camera protection cages and anti-ladder brackets.
Vandal Resistant & Anti-Ram Columns
AD and AV Range

**AD Range**

**Design Features**
- An ideal column for urban extreme risk CCTV schemes.
- Integral lockable cabinet base for housing telemetry, fibre optics, spurs etc.
- Heavy duty high grade steel, single skinned cabinet.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high risk and problem areas.
- Camera mounting shaft made from heavy duty high grade steel.
- Suitable for all public access areas.
- Totally concealed cable management facility.
- ‘Vault’ door as standard.
- Options include double doors and split cabinets.
- Telecom cell scheme versions available.
- Anti-ram base structure and bollards available.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Flange-mounted ‘TC’ type root - 8 stud type.
- ‘Pocket’ type roots available for restricted foundation locations.
- Equipment loading up to 25kg.
- Variety of standard heights from 3 to 15 metres.

**Product Codes**
Anti-Vandal Range:
- AD6
- AD8
- AD10
- AD12
- AD15

Options:
- ARB1: anti-ram bollard
- ALR: anti ladder rest

**AV Range**

**Design Features**
- An ideal column for urban extreme risk CCTV schemes.
- Integral lockable cabinet base for housing telemetry, fibre optics, spurs etc.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high risk and problem areas.
- Double doors and double skinned cabinet for ultimate protection.
- Double skinned column shaft with spinner tube.
- Suitable for all public access areas.
- Totally concealed cable management facility.
- Hidden lock and ‘vault’ door as standard.
- Options include double doors and split cabinets.
- Telecom cell scheme versions available.
- Anti-ram base structure and bollards available.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Flange-mounted ‘TC’ type root - 8 stud type.
- ‘Pocket’ type roots available for restricted foundation locations.
- Equipment loading up to 25kg.
- Variety of standard heights from 3 to 15 metres.

**Product Codes**
Anti-Randal Range:
- AV6
- AV8
- AV10
- AV12
- AV15

Options:
- ARB1: anti-ram bollard
- ALR: anti ladder rest
Vandal Resistant & Anti-Ram Columns
AD and AV Range

Technical Specification

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>Height 'M'</th>
<th>Shaft size 'D'</th>
<th>Shaft size 'A'</th>
<th>Maximum equip cap'ly</th>
<th>Cable access hole Ø'C'</th>
</tr>
</thead>
<tbody>
<tr>
<td>AV6</td>
<td>6m</td>
<td>Ø168</td>
<td>n/a</td>
<td>25Kgs.</td>
<td>Ø250</td>
</tr>
<tr>
<td>AD6</td>
<td></td>
<td>Ø168</td>
<td>Ø219</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AV8</td>
<td>8m</td>
<td>Ø168</td>
<td>n/a</td>
<td>25Kgs.</td>
<td>Ø250</td>
</tr>
<tr>
<td>AD8</td>
<td></td>
<td>Ø168</td>
<td>Ø219</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AV10</td>
<td>10m</td>
<td>Ø219</td>
<td>n/a</td>
<td>25Kgs.</td>
<td>Ø250</td>
</tr>
<tr>
<td>AD10</td>
<td></td>
<td>Ø219</td>
<td>Ø273</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AV12</td>
<td>12m</td>
<td>Ø219</td>
<td>n/a</td>
<td>25Kgs.</td>
<td>Ø250</td>
</tr>
<tr>
<td>AD12</td>
<td></td>
<td>Ø219</td>
<td>Ø273</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Heavy duty cylindrical camera cages are available to suit the column.

Removable top gives access into cage.

Climb guards available.

Details on door locking system are available.

Heavy duty 400 Sq. cabinet
10 thk door & case
8 bolt fixing

Heavy duty 500 Sq. double skin cabinet
10 thk outer door & case
Inner door 4 point locking
8 bolt fixing

Ram raid base
for use with AV or AVR
8 bolt fixing
Base and Windload Specification

<table>
<thead>
<tr>
<th>Model &amp; Base Ref</th>
<th>Ht.</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>AV6</td>
<td>6m</td>
<td>1.1x1.1x1.1</td>
<td>0.55m Dp</td>
</tr>
<tr>
<td>AD6</td>
<td></td>
<td>1.2x1.2x1.2</td>
<td>0.6m Dp</td>
</tr>
<tr>
<td>AV8</td>
<td>8m</td>
<td>1.3x1.3x1.3</td>
<td>0.7m Dp</td>
</tr>
<tr>
<td>AD8</td>
<td></td>
<td>1.4x1.4x1.4</td>
<td>0.7m Dp</td>
</tr>
<tr>
<td>AV10</td>
<td>10m</td>
<td>1.5x1.5x1.5</td>
<td>0.8m Dp</td>
</tr>
<tr>
<td>AD10</td>
<td></td>
<td>1.6x1.6x1.6</td>
<td>0.8m Dp</td>
</tr>
<tr>
<td>AV12</td>
<td>12m</td>
<td>1.7x1.7x1.7</td>
<td>0.9m Dp</td>
</tr>
<tr>
<td>AD12</td>
<td></td>
<td>1.8x1.8x1.8</td>
<td>0.9m Dp</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.9x1.9x1.9</td>
<td>0.9m Dp</td>
</tr>
</tbody>
</table>

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

Area A = 44m/s (98mph)
Area B = 48m/s (107mph)
Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.

Installation Method

1. From the map, select location of installation
2. Excavate as per recommended area and depth
3. Assemble root base as shown in fig. 1
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure this protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly. Torque the nuts to 230-270 Nm (175-200 ft. lb.)
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommanded for this

Foundation sizes are determined for three sets of wind speeds, which will cover most of the British Isles.

Area A = 44m/s (98mph)
Area B = 48m/s (107mph)
Area C = 52m/s (116mph)

Maximum gust speed is likely to be exceeded on average once every 50 years at 10m above the ground in open level country.
The ETP and CBTP ranges are the very peak in CCTV mounting poles. With various options of built in or transferable electric or manual winches, the ranges enable cost-effective and more importantly safe camera maintenance at ground level. These columns have been designed within the Highways Agency specification and with their excellent reliability record, have become the number one choice in urban traffic monitoring schemes. The ETP range is a continuous parallel column, whereas the CBTP range has the added bonus of a spacious cabinet base at the bottom for more complex electrical and communications use. Both ranges can be seen in city centres and on trunk roads throughout the United Kingdom.
**Design Features**
- An ideal column for urban and traffic CCTV schemes.
- Designed in accordance with Highways Agency specification.
- Eliminates the use of mechanical lifts for servicing purposes.
- Camera maintenance carried out at ground level. The camera head rotates through 180 degrees for servicing purposes.
- Various built in and transferable winch options.
- In-built carriage failsafe braking mechanism.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high profile places.
- Suitable for all public access areas.
- Camera carriage unit has a self clamping mechanism to minimise deflection when in its working position.
- Totally concealed cable management facility.
- High security door option for high risk areas.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Special dome mounting brackets available.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Flange-mounted ‘TC’ type root.
- ‘Pocket’ type roots available for restricted foundation locations.
- Equipment loading up to 25kg.
- Variety of standard heights from 3 to 15 metres.

**Product Codes**

Economy Trolley Pole Range:
- ETP6
- ETP7
- ETP8
- ETP9
- ETP10
- ETP12
- ETP13
- ETP14
- ETP15

**Design Features**
- An ideal column for urban and traffic CCTV schemes.
- Designed in accordance with Highways Agency specification.
- Eliminates the use of mechanical lifts for servicing purposes.
- Integral lockable cabinet base for housing telemetry, fibre optics, spurs etc.
- Camera maintenance carried out at ground level. The camera head rotates through 180 degrees for servicing purposes.
- Various built in and transferable winch options.
- In-built carriage failsafe braking mechanism.
- Excellent stability characteristics ensures minimal camera movement.
- Recommended for installation in high profile places.
- Suitable for all public access areas.
- Options include double door and split cabinets.
- Telecom cell scheme versions available.
- Camera carriage unit has a self clamping mechanism to minimise deflection when in its working position.
- Totally concealed cable management facility.
- High security and ‘vault’ door options for high risk areas.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer’s requirements.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Special dome mounting brackets available.
- Built in cable entry and exit points.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Flange-mounted ‘TC’ type root.
- ‘Pocket’ type roots available for restricted foundation locations.
- Equipment loading up to 25kg.
- Variety of standard heights from 3 to 15 metres.

**Product Codes**

Cabinet Based Trolley Pole Range:
- CBTP6
- CBTP7
- CBTP8
- CBTP9
- CBTP10
- CBTP12
- CBTP13
- CBTP14
- CBTP15
Technical Specification

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>'M' Height</th>
<th>Baseplate Option</th>
<th>HW Winch Aperture 'A'</th>
<th>HW Equip Aperture 'B'</th>
<th>HW Winch Aperture 'C'</th>
<th>Maximum equip. capacity</th>
<th>Weight Kgs</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBTP6</td>
<td>6 metres</td>
<td>4 Bolt</td>
<td>n/a</td>
<td>746x312</td>
<td>564x204</td>
<td>25Kg</td>
<td>47Kg</td>
</tr>
<tr>
<td>ETP6</td>
<td>4 Bolt</td>
<td>290x312</td>
<td>n/a</td>
<td>25Kg</td>
<td>47Kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP8</td>
<td>8 metres</td>
<td>4 Bolt</td>
<td>n/a</td>
<td>746x312</td>
<td>564x204</td>
<td>25Kg</td>
<td>47Kg</td>
</tr>
<tr>
<td>ETP8</td>
<td>4 Bolt</td>
<td>290x312</td>
<td>n/a</td>
<td>25Kg</td>
<td>47Kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP10</td>
<td>10 metres</td>
<td>8 Bolt</td>
<td>n/a</td>
<td>746x312</td>
<td>564x204</td>
<td>25Kg</td>
<td>57Kg</td>
</tr>
<tr>
<td>ETP10</td>
<td>8 Bolt</td>
<td>290x312</td>
<td>n/a</td>
<td>25Kg</td>
<td>57Kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP12</td>
<td>12 metres</td>
<td>8 Bolt</td>
<td>n/a</td>
<td>746x312</td>
<td>564x204</td>
<td>25Kg</td>
<td>65Kg</td>
</tr>
<tr>
<td>ETP12</td>
<td>8 Bolt</td>
<td>290x312</td>
<td>n/a</td>
<td>25Kg</td>
<td>65Kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP14</td>
<td>14 metres</td>
<td>8 Bolt</td>
<td>n/a</td>
<td>746x312</td>
<td>564x204</td>
<td>25Kg</td>
<td>71Kg</td>
</tr>
<tr>
<td>ETP14</td>
<td>8 Bolt</td>
<td>290x312</td>
<td>n/a</td>
<td>25Kg</td>
<td>71Kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP15</td>
<td>15 metres</td>
<td>8 Bolt</td>
<td>n/a</td>
<td>746x312</td>
<td>564x204</td>
<td>25Kg</td>
<td>78Kg</td>
</tr>
<tr>
<td>ETP15</td>
<td>8 Bolt</td>
<td>290x312</td>
<td>n/a</td>
<td>25Kg</td>
<td>78Kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated

The trolley pole product range has the option of built-in or transferable winches, either electrically operated or hand operated gear winch.

Options & Accessories

- Enlarged cabinet (standard 400 Sq.)
- All pan/tilt, dome, fixed camera mount bracketry
- Double door access (partitioned cabinet)
- Cable management system up to 12 metres
- On-site erecting service onto a prepared base
- 4 point high security door
- Paint to BS4800 & RAL colours
- Tamperproof micro-switches for cabinet door

Product Ref & Ordering Information

Cabinet Based Column
Non-Cabinet Base
Trolley Pole
Column Height in Metres
Winch Option
see overleaf for range
Cabinet Based & Economy Trolley Pole
ETP and CBTP Accessories

Various style camera arms available

* Integral pulley aids cable management
* Outline of customer’s dome camera (ref only)
* 4 holes - for standard PTZ camera fixings equi-spaced on 101.6 PCD

* Automatic trolley clamping to minimise camera movement
* Safety latch
* Multi-core cable glands fitted

* Camera arm may be rotated down for ease of maintenance

Built-in manual winch option shown

Cable Managed Compensator unit for multi-core cable. No disconnection is necessary when lowering carriage

* Galvanised to BS EN ISO 1461:2009

Transferable electrical winch option shown

* Integral sealed twin cabinet with lockable access doors

Micro-switches for cabinet door

Equipment mounting wooden backboard & earthing points fitted within cabinet & door

* 400 Sq. cabinet

The trolley pole product range has the option of built-in or transferable winches, with either electrically operated or hand operated gear winch

All items marked with * are fitted as standard
See Features and Options sheet overleaf for full details
Options for CBTP & ETP Range

HT  Transferable manual winch
HB  Manual winch built into column
EH  Spare winch handle
CM  Cable management
500 Enlarged cabinet size of 500mm Sq.
2C  Separate compartments in cabinet
EDK Spare cabinet door keys
PKT Alternative ‘pocket’ type root fixing
ET  Transferable electric winch (Pat.No. 0019862.2)
EBA Electric winch built into column
PS  Spare pendant for EBR
110V 110V transformer for EBA or EBR

General Options for CBTP & ETP Range

- Cable management system - fitting compensator & customer free issue cable
- High security door
- Vault type door (4 point locking)
- 500 cabinet base (CBTP only)
- On-site erecting service onto a prepared base
- Painting finishes in BS4800 and RAL colours
- Swept dome adaptors for dome type cameras
- Tamperproof micro-switched for cabinet door

Full Cable Management

WEC offer full cable management within the trolley pole up to 12 metres. This feature eliminates the need to disconnect the camera multi-core cable, when the camera is lowered to the maintenance position.

Delivery and Erection

WEC offers a full delivery and column erecting service onto a prepared concrete base, anywhere within the UK.

Delivery and Placement

WEC offers a full project management level of delivery and installation. Despite not carrying out the civil work, we offer advice on optimum site location, concrete base sizes (standard and specials), along with placement of pole onto concrete plinth through to commissioning on site.
Base and Windload Specification

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>Height</th>
<th>Area of Country</th>
<th>Area of Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>CBTP6</td>
<td>6m</td>
<td>1.1x1.1</td>
<td>0.55m Dp</td>
</tr>
<tr>
<td>ETP6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP8</td>
<td>8m</td>
<td>1.4x1.4</td>
<td>0.7m Dp</td>
</tr>
<tr>
<td>ETP8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP10</td>
<td>10m</td>
<td>1.5x1.5</td>
<td>0.75m Dp</td>
</tr>
<tr>
<td>ETP10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP12</td>
<td>12m</td>
<td>1.7x1.7</td>
<td>0.8m Dp</td>
</tr>
<tr>
<td>ETP12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP14</td>
<td>14m</td>
<td>1.9x1.9</td>
<td>0.95m Dp</td>
</tr>
<tr>
<td>ETP14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CBTP15</td>
<td>15m</td>
<td>2.0x2.0</td>
<td>1.0m Dp</td>
</tr>
<tr>
<td>ETP15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A minimum soil bearing pressure of 75 KN/m² is assumed.

Installation Method

1. From the map, select location of installation.
2. Excavate to recommended area and depth.
3. Assemble root base as shown in fig. 1.
4. Insert root base into the hole ensuring that it is level and that the four studs protrude 60-70mm above the concrete foundation.
5. Fit the cable duct if routing via the interior of the column. A plastic pipe of approximately 100mm outside diameter is recommended for this. Ensure it protrudes through the template by 50mm minimum.
6. Pour concrete ensuring that it is a mix of C35 to table 6 BS 8110 and then tamp down well.
7. Fit the setting template over the four protruding studs, double-checking that they are level and that clear access can be gained to the cable duct if it is being used.
8. Leave the concrete to cure for a minimum of 72 hours prior to attempting to erect the column.
9. When fitting the column, ensure that the concrete base is in complete contact with the underside of the column and grout accordingly. Torque the nuts to 230-270 Nm (175-200 fl. lb.).
10. When the column has been fitted, protect the studs with a suitable protective coating. Denzo tape or similar is recommended for this.

Option
Highways Agency Flange
8 bolt root baseplate
The WP and CP ranges have, for many years, provided the industry standard solution for many camera mounting situations. Available in standard heights up to 6 metres with stand off brackets from flush to 1000mm, both the wall and corner poles provide an excellent platform for obtaining an elevated viewpoint from existing structures.

**Design Features**
- A cost-effective solution for achieving desired camera height.
- Off the shelf heights up to 6 metres.
- Standard models give up to 4 metres clearance above roofs, parapets and walls.
- Rigid structure ensures excellent stability characteristics.
- Various stand off brackets to clear facias, gutters and copings.
- Modular construction for ease of transportation and erection.
- Wall and corner mounted versions available.
- Hot dipped galvanised finish for maximum weather protection and low maintenance requirements.
- Custom and bespoke versions tailored to the customer's requirements.

**General Specifications**
- Standard pan and tilt fixing of 101.6 PCD.
- Stand off brackets 000mm/150mm/300mm/500mm/1000mm.
- Compatible with WEC adaptors, accessories and anti-climbs.
- Equipment loading up to 25kg.
- Variety of standard heights up to 6 metres.

**Product Codes**
- 2.5WP000, 2.5WP150, 2.5WP300, 2.5WP500, 2.5WP1000
- 3WP000, 3WP150, 3WP300, 3WP500, 3WP1000
- 4WP000, 4WP150, 4WP300, 4WP500, 4WP1000
- 5WP000, 5WP150, 5WP300, 5WP500, 5WP1000
- 6WP000, 6WP150, 6WP300, 6WP500, 6WP1000
- 2.5CP000, 2.5CP150, 2.5CP300, 2.5CP500, 2.5CP1000
- 3CP000, 3CP150, 3CP300, 3CP500, 3CP1000
- 4CP000, 4CP150, 4CP300, 4CP500, 4CP1000
- 5CP000, 5CP150, 5CP300, 5CP500, 5CP1000
- 6CP000, 6CP150, 6CP300, 6CP500, 6CP1000

*Ex-stock items

**Technical Specification**

<table>
<thead>
<tr>
<th>Model Ref. (mm stand off)</th>
<th>Height H</th>
<th>Approx spacing B'</th>
<th>Stand off distance 0</th>
<th>Stand off distance 150</th>
<th>Stand off distance 300</th>
<th>Stand off distance 500</th>
<th>Stand off distance 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5WP</td>
<td>2.5 mtrs.</td>
<td>850</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>2.5CP</td>
<td>2.5 mtrs.</td>
<td>850</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>3WP</td>
<td>3.0 mtrs.</td>
<td>1000</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>3CP</td>
<td>3.0 mtrs.</td>
<td>1000</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>4WP</td>
<td>4.0 mtrs.</td>
<td>1300</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>4CP</td>
<td>4.0 mtrs.</td>
<td>1300</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>5WP</td>
<td>5.0 mtrs.</td>
<td>1700</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>5CP</td>
<td>5.0 mtrs.</td>
<td>1700</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>6WP</td>
<td>6.0 mtrs.</td>
<td>2000</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>6CP</td>
<td>6.0 mtrs.</td>
<td>2000</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
Technical Specification

Wall and Corner Poles
WPT and WPTA Range

4 - Ø8 holes, equi-spaced on 101.6 PCD

- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Welding Procedures: Comply with BS EN 1011-2:2001
- Fasteners: Grade 8.8 BS3692:2001, BS4190:2001, DIN931, DIN934
- Design Wind Loading: In accordance with CP3, chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range

Max. Headload: 25Kgs.
Max. Windage: 25Kgf.

Standard range shown
Special variants are made to order

Standards Applicable

Product Ref & Ordering Information

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.
Wall and Corner Poles
WPT and WPTA Range

Technical Specification

Wall Mounted Tilt-Down Pole
Model Ref Shown: 5WPTD500

Height Range
- 2.5m
- 3.0m
- 4.0m
- 5.0m
- 6.0m

Wall Mounted Tilt-Away Pole
Model Ref Shown: 5WPTD500

Height Range
- 2.5m
- 3.0m
- 4.0m
- 5.0m
- 6.0m

Parapet Mounted Tilt-Away Pole
Model Ref Shown: 4PMTA150

Height Range
- 2.5m
- 3.0m
- 4.0m
- 5.0m
- 6.0m

Standards Applicable
- Hot Dipped Galvanized: BS EN ISO 1461:2009
- Welding Procedures: Comply with BS EN 1011-2:2001
- Fasteners: Grade 8.8 BS3692:2001, BS4190:2001, DIN931, DIN934
- Design Wind Loading: In accordance with CP3, chapter V Pt 2 & BS 6399 Pt 2:1997
- Paint Finishes: BS4800 and RAL colour range

Product Ref & Ordering Information

<table>
<thead>
<tr>
<th>4</th>
<th>W(C)P</th>
<th>TA(D)</th>
<th>300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pole Height</td>
<td>Wall (corner) Pole</td>
<td>Tilt Away (Down)</td>
<td>Stand-off Distance</td>
</tr>
</tbody>
</table>

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE, BB1 2QR. TEL: (01254) 700200. FAX: (01254) 474137. E-MAIL: s@wec.uk.net
Our highways division specialises in the design, manufacture and installation of various motorway poles and brackets. We can offer full site surveys and commissioning for customers requiring a more bespoke product.
WEC offers a wide range of road side cabinets, from standard off the shelf products to those tailor made to specific customer requirements.

The standard road side cabinets are available in a variety of sizes and manufactured from materials such as stainless steel, aluminium or with a galvanised finish. These standard cabinets include an extensive range of hardware and can even be fully wired and terminated to suit the customer’s requirements. Furthermore, WEC’s road side cabinets are available in a comprehensive selection of colours and on a short lead time basis.

WEC is able to manufacture and supply road side cabinets to customer drawings and offer a design service to produce cabinets tailored to customer requirements.
Enclosures
RSC Range

Technical Specification

<table>
<thead>
<tr>
<th>Model Ref.,</th>
<th>Height 'H'</th>
<th>Width 'W'</th>
<th>Depth 'D'</th>
<th>Working depth 'A'</th>
<th>Door aperture h'x w'</th>
<th>Backboard height x width</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC9/65/6</td>
<td>900</td>
<td>650</td>
<td>600</td>
<td>550</td>
<td>690x400</td>
<td>740x400</td>
</tr>
<tr>
<td>RC153</td>
<td>1000</td>
<td>500</td>
<td>300</td>
<td>230</td>
<td>790x400</td>
<td>840x400</td>
</tr>
<tr>
<td>RC113</td>
<td>1000</td>
<td>1000</td>
<td>300</td>
<td>230</td>
<td>790x900</td>
<td>840x900</td>
</tr>
<tr>
<td>RC114</td>
<td>1000</td>
<td>1000</td>
<td>400</td>
<td>330</td>
<td>790x900</td>
<td>840x900</td>
</tr>
<tr>
<td>RC115</td>
<td>1000</td>
<td>1000</td>
<td>500</td>
<td>430</td>
<td>790x900</td>
<td>840x900</td>
</tr>
<tr>
<td>RC116</td>
<td>1000</td>
<td>1000</td>
<td>600</td>
<td>530</td>
<td>790x900</td>
<td>840x900</td>
</tr>
<tr>
<td>RC17/4</td>
<td>1000</td>
<td>1300</td>
<td>400</td>
<td>330</td>
<td>790x1200</td>
<td>840x1200</td>
</tr>
<tr>
<td>RC113/5</td>
<td>1000</td>
<td>1300</td>
<td>500</td>
<td>430</td>
<td>790x1200</td>
<td>840x1200</td>
</tr>
<tr>
<td>RC113/6</td>
<td>1000</td>
<td>1300</td>
<td>600</td>
<td>530</td>
<td>790x1200</td>
<td>840x1200</td>
</tr>
<tr>
<td>RC14/6</td>
<td>1000</td>
<td>1400</td>
<td>600</td>
<td>530</td>
<td>790x1300</td>
<td>840x1300</td>
</tr>
<tr>
<td>RC13/12/5</td>
<td>1500</td>
<td>1200</td>
<td>500</td>
<td>430</td>
<td>1090x1100</td>
<td>1140x1100</td>
</tr>
<tr>
<td>RC15/143/5</td>
<td>1500</td>
<td>1430</td>
<td>500</td>
<td>430</td>
<td>1290x1330</td>
<td>1340x1330</td>
</tr>
</tbody>
</table>

All dimensions in mm unless otherwise stated.

Options & Accessories

- RC/HSD: High security locking system
- RC/4PL: Extra high security 4 point lock system
- RC/A4: Document holder (A4)
- RC/Col: Paint to BS4800 & RAL colours
- RC/F: Fixed fan & dust extraction
- RC/19F: Fixed 19" racking
- RC/19H: Swing out 19" racking
- RC/IP65: IP65 rated cabinet

Door may be specified as hinged (either hand) or lift out.
Double door access on twin compartments.
Treated equipment mounting backboard or shelving.

Product Ref & Ordering Information

- Roadside Cabinet
  - 1000H x 1000W x 400D
- High Security Door option reference

All our road side cabinets are constructed from stainless steel (3CR12) and powder coated with a black finish as standard.

Options & Accessories

- RC/HSD: High security locking system
- RC/4PL: Extra high security 4 point lock system
- RC/A4: Document holder (A4)
- RC/Col: Paint to BS4800 & RAL colours
- RC/F: Fixed fan & dust extraction
- RC/19F: Fixed 19" racking
- RC/19H: Swing out 19" racking
- RC/IP65: IP65 rated cabinet

Door may be specified as hinged (either hand) or lift out.
Double door access on twin compartments.
Treated equipment mounting backboard or shelving.

Product Ref & Ordering Information

- Roadside Cabinet
  - 1000H x 1000W x 400D
- High Security Door option reference

All our road side cabinets are constructed from stainless steel (3CR12) and powder coated with a black finish as standard.
Anti-Climb Brackets
ACB Range

ACB1
Anti-Climb Guard
ST & WD Tower

ACB2/........ (state diam)
Anti-Climb Guard
Circular Columns

ACB3/........ (state Section)
Anti-Climb Guard
Square Columns

ACBW
Anti-Climb Bracket Wall

ACBC
Anti-Climb Bracket Corner

Standards Applicable

All dimensions in mm
unless otherwise stated

Structural Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Hot Dipped Galvanized,
BS EN ISO 1461:2009

Welding Procedures:
Comply with BS EN 1011-2:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN931, DIN934

Design Wind Loading:
In accordance with CP3 chapter 5, Part 2 & BS 6399 Part 2:1997

Paint finishes:
BS 4800 & RAL colour range

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARwen, LANCASHIRE, BB3 2R6. TEL: (01254) 700200. FAX: (01254) 874347. EMAIL: sales@wec-uk.net

58
External Brackets - Fixed Camera
HB Range

All dimensions in mm unless otherwise stated.

HB600
HB1000
Wall mount 600 (1000) long c/w swivel

TCA
Tower Clamp Adaptor to suit WD & ST Towers

PCA1
(column size)
Pole Clamp Adaptor
to suit one fixed housing

PCA2
(column size)
Pole Clamp Adaptor
to suit two fixed housings

233

PCA3
(column size)
Pole Clamp Adaptor
to suit three fixed housings

PCA4
(column size)
Pole Clamp Adaptor
to suit four fixed housings

300

Standards Applicable

General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Welding Procedures:
Comply with BS EN 1011-1:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN931, DIN934

Design Wind Loadings:
In accordance with CP3 chapter V Part 2 & BS 6399 Pt 2:1997

Paint finishes:
BS 4800 & RAL colour range

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARwen, LANCASHIRE, BB1 2RD. TEL: (01254) 700200. FAX: (01254) 879437. E-MAIL: info@wec.co.uk
External Brackets - Pan & Tilt Camera
HD PTZ Range

All dimensions in mm unless otherwise stated.

HDPTC
corner mount

HDPTW
Wall mount

HD300C
corner mount

HD300W
Wall mount

Standards Applicable

General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Welding Procedures:
Comply with BS EN 1011-2:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN931, DIN934

Design Wind Loading:
In accordance with CP3 chapter
V PI 2 & BS 6399 PI 2:1997

Paint finishes:
BS 4800 & RAL colour range

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARwen, LANCashIRE, BB3 2RR. TEL: (01254) 708200. FAX: (01254) 874937. E-MAIL: sb@wecuk.net
External Brackets - Pan & Tilt Camera
HD PTZ Range

All dimensions in mm unless otherwise stated.

<table>
<thead>
<tr>
<th>Model</th>
<th>Dim 'X'</th>
</tr>
</thead>
<tbody>
<tr>
<td>XHDC</td>
<td>1000</td>
</tr>
<tr>
<td>XHDC2</td>
<td>1250</td>
</tr>
</tbody>
</table>

- **External Brackets**
  - **Corner Mount**
  - **Wall Mount**

- **Model PCX2\150\***
  - Clamp on boom (600), 150 upstand, S/Column dia.

- **Model PCX2\150\***
  - Clamp on boom (600), 300 upstand, S/Column dia.

- **Model PCX2\150\***
  - Dual Clamp on boom (600), 150 upstand, S/Column dia.

- **Model PCX2\300\***
  - Clamp on boom (600), 300 upstand, S/Column dia.

- **Model PCX2\300\***
  - 4 Radial slots, 6.7 wide on 101.6 PCD

- **Model TOB\1000\*** (S/column dia)
  - Tubular Offset Bracket for PTZ

- **Model TOB\1500\*** (S/column dia)
  - 4 Radial slots, 6.7 wide on 101.6 PCD
Protection Cages
C Range

Model C450
Wall Mount Cage

Model C600H
Wall Mount Cage (Hinged)

Description

C450 7d
C450H as above, but hinged from wall
C600 610h x 610w
C600H as above, but hinged from wall
C666 610h x 450w x 610d
C600H as above, but hinged from wall

Standards Applicable

General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994, BS EN 10210-2:1997

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Welding Procedures:
Comply with BS EN 1011-2:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN 931, DIN 934

Design Wind Loading:
In accordance with CP3 chapter
V PH 2 & BS 6399 PH 2/1997

Paint finishes:
BS 4800 & RAL colour range

Protection Cages

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.
BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE, BB3 2AB. TEL: (01254) 700200 FAX: (01254) 873417. E-MAIL: sales@wec-uk.net
Protection Cages
C Range

Model C/TPM
Pole Top Cage for PTZ Cameras

Standards Applicable
General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Weighing Procedures:
Comply with BS EN 1011-2:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN 931, DIN 934

Design Wind Loading:
In accordance with CP3 chapter
V P1 2 & BS 6399 P1 2h1997

Paint finishes:
BS 4800 & RAL colour range

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE, BB3 2AB. TEL. (01254) 700200. FAX. (01254) 473437. E-MAIL: info@wec.uk.net
Swept Dome Adaptors
SDA Range

SDA450 450 Swept Dome Adaptor
SDAL900 900 Lg.

SDA2 450 450 Twin Swept Dome Adaptor
SDAL2 900 900 Lg.

A range of decorative versions for all products are available.

Various Dome Fittings available

External dome brackets are finished with a standard flange. Many other fitting types adaptors are available upon request.

SNAP
Swan Neck Adaptor Pole

SNAC
Swan Neck Adaptor Corner

SNAW
Swan Neck Adaptor Wall

Standards Applicable

General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Welding Procedures:
Comply with BS EN 1011-2:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4199:2001 DIN931, DIN934

Design Wind Loading:
In accordance with CP3 chapter V PI 2 & BS 6399 PI 21997

Paint finishes:
BS 4800 & RAL colour range
Corner, Wall & Pole mount brackets are available

**Dome Adaptors SDA Range**

**GCDM**
Geordie Corner Dome Mount

**GWDM**
Geordie Wall Dome Mount

**GPDM**
Geordie Pole Dome Mount

**GTPM**
Geordie Top Pole Mount

**GTDM**
Geordie Twin Dome Mount

__bespoke styles made to order__

---

**Standards Applicable**

**General Steelwork:**
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

**Structural Steelwork:**
BS EN 10210-1:1994
BS EN 10210-2:1997

**Hot Dipped Galvanized:**
BS EN ISO 1461:2009

**Welding Procedures:**
Comply with BS EN 1011-2:2001

**Fasteners:**
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN931, DIN934

**Design Wind Loading:**
In accordance with CP3 chapter V Pt 2 & BS 6399 Pt 2:1997

Paint finishes:
BS 4800 & RAL colour range

---

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.
Dome Adaptors
SDA Range

BWDM  600 Lg, wall mount - economy spec
BWDMX 1000 Lg.

BCDM  600 Lg, corner mount - economy spec
BCDMX 1000 Lg.

CCTV
Various Dome Fittings available

BPDM  600 Lg, pole clamp - economy spec
BPDMX 1000 Lg.

Standards Applicable
General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Galvanized:
BS EN ISO 1461 2009

Welding Procedures:
Comply with BS EN 1011-2:2001

Fasteners:
Grade 8.8  BS 3692:2001
BS 4190:2001 DIN931, DIN934

Design Wind Loading:
In accordance with CP3 chapter V 1 & BS 6399 PI 2:1997

Paint finishes:
BS 4800 & RAL colour range

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.
Roof Mounting Bracketry

ACC Range

Parapet Wall Mount Swing Arm

Free Standing Swing Arm

Adjustable top bracket to suit brick course

Ballast dependent upon arm length, past height and location.

Rotates inboard to give safe access for camera servicing.

Internal & External corner mounts available

Rotates inboard to give safe access for camera servicing.

Traversing Camera Boom

Nylon rollers to aid movement of boom

Quick release clamp mechanism

Boom arm retracts for ease of camera maintenance

Free standing sectional frame to accept ballast

Standards Applicable

<table>
<thead>
<tr>
<th>General Steelwork:</th>
<th>Structural Steelwork:</th>
<th>Welding Procedures:</th>
<th>Design Wind Loadings:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BS EN ISO 14512:09</td>
<td>Grade 8.8 BS 3692:2001</td>
<td>Paint finishes:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BS 4190:2001 DIN931, DIN934</td>
<td>BS 4800 &amp; RAL colour range</td>
</tr>
</tbody>
</table>

67

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE, BB3 2AB. TEL: (01254) 700200 FAX: (01254) 473437. E-MAIL: sb@wec.co.uk
Accessories
ACC Range

Accessories

All dimensions in mm unless otherwise stated

1SA
Pan & tilt single

6-08 Holes - equally spaced on 101.6 PCD

4 radial slots - 6.7 wide, equally spaced on 101.6 PCD

2SA
Twin Static Adaptor

6-08 Holes - equally spaced on 101.6 PCD

4 radial slots - 6.7 wide, equally spaced on 101.6 PCD

3SA
Triple Static Adaptor

Also available in a “3-in-line” version

Standards Applicable

General Steelwork:
BS 1449:1991, BS 1388:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Welding Procedures:
Comply with BS EN 1811-2:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN931, DIN934

Design Wind Loading:
In accordance with CP3 chapter 8.2 & BS 6399 PI 2b/1997

Paint finishes:
BS 4800 & RAL colour range
Accessories
ACC Range

4SA
4 Way Static Adaptor

5SA
5 Way Static Adaptor

Also available in a “4-in-line” version

TPTA
Twin PTZ adapter

PT1/S1
1 PTZ & 1 static adapter

PT1/S2
1 PTZ & 2 static adapters

All dimensions in mm unless otherwise stated

Standards Applicable
General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Weaving Procedures:
Comply with BS EN 1011-2:2001

Fasteners:
Grade 8.8  BS 3692:2001
BS 4190:2001 DIN931, DIN934

Design Wind Loadings:
In accordance with CP3 chapter
V P1 2 & BS 6399 P1 2E1997

Paint finishes:
BS 4800 & RAL colour range

Accessories
Clamp Brackets to suit Redwall Detectors

Clamp Brackets to suit square sections also available

UPCA
Universal pole clamp adaptor

LRC
Clamp on ladder support

4 radial slots 6.7 wide, equi-spaced on 101.6 PCD

<table>
<thead>
<tr>
<th>Ref.</th>
<th>Lg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS150</td>
<td>150</td>
</tr>
<tr>
<td>CS225</td>
<td>225</td>
</tr>
<tr>
<td>CS300</td>
<td>300</td>
</tr>
<tr>
<td>CS450</td>
<td>450</td>
</tr>
<tr>
<td>CS600</td>
<td>600</td>
</tr>
<tr>
<td>CS1000</td>
<td>1000</td>
</tr>
<tr>
<td>CS1500</td>
<td>1500</td>
</tr>
<tr>
<td>CS2000</td>
<td>2000</td>
</tr>
</tbody>
</table>

Standards Applicable

General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Welding Procedures:
Comply with BS EN 1811-2:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN931, DIN934

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Design Wind Loading:
In accordance with CP3 chapter V P1 2 & BS 4399 P1 2:1997

Paint finishes:
BS 4800 & RAL colour range

All WEC products are subject to ongoing development. Therefore, we reserve the right to make technical modifications without notice.

BRITANNIA HOUSE, JUNCTION STREET, DARWEN, LANCASHIRE, BB3 2X8. TEL. (01254) 700200. FAX (01254) 879437. EMAIL: sl@wec.co.uk

70
TBC
Clamp on Telemetry bracket

<table>
<thead>
<tr>
<th>Dim A</th>
<th>Dim B</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZR4 WBX</td>
<td>255</td>
</tr>
<tr>
<td>ZR3 WBX</td>
<td>240</td>
</tr>
<tr>
<td>ZR4 MINI</td>
<td>254</td>
</tr>
<tr>
<td>ZR3 MINI</td>
<td>254</td>
</tr>
<tr>
<td>7361 WBX</td>
<td>254</td>
</tr>
<tr>
<td>7362 WBX</td>
<td>254</td>
</tr>
</tbody>
</table>

State Ø to suit column

Top Hat Adaptor

TPMA\(\) (Pole diam)

Sleeve to suit pole diameter

4 - M6 holes on 101.6 PCD to accept WEC adaptors

Standards Applicable

General Steelwork:
BS 1449:1991, BS 1387:1985
BS EN 10025:1993

Structural Steelwork:
BS EN 10210-1:1994
BS EN 10210-2:1997

Hot Dipped Galvanized:
BS EN ISO 1461:2009

Welding Procedures:
Comply with BS EN 1011-2:2001

Fasteners:
Grade 8.8 BS 3692:2001
BS 4190:2001 DIN931, DIN 934

Design Wind Loadings:
In accordance with CP3 chapter

V P1.2 & BS 6399 P1 2x1997

Paint finishes:
BS 4800 & RAL colour range

BS EN ISO 1461-2009
Accessories

Popular Brackets

Anticlimb Brackets

PCABrackets

3SA Bracket

UPCA Brackets

Anti Vandal Cages

HDPTW Bracket
Roots

TC Root

RM Root

ST Root

ST / AF

WD Root

WD / AF

Root Information

Roots

CCTV

FMPKT

TCPKT

FMTDB

FMSDB

state type
Miscellaneous
Card Reader / Access Posts

Gallery

Custom Stainless Steel Reader Post

Single Height Access Post

Custom Stainless Steel Intercom Post

Custom Information Post

Sales Direct: +44 (0) 1254 700200
Fax: +44 (0) 1254 873637 Website: www.wec.uk.net Email: all@wec.uk.net
Product Gallery
Recent Projects

TC6TO with double arms bracket

ST6 Lattice Tower

CB6

TC8TO
Product Gallery
Recent Projects

Accessories

Gallery

FMT8

CB8TP

TP4T

TP5S

Sales Direct: +44 (0) 1254 700200
Fax: +44 (0) 1254 873637  Website: www.wec.uk.net  Email: all@wec.uk.net
Product Gallery
Recent Projects

Gallery

TC6TO

WD12 Heavy Duty

FMV8 Turner

Wall Mounted Swing Bracket

Sales Direct: +44 (0) 1254 700200
Fax: +44 (0) 1254 873637  Website: www.wec.uk.net  Email: all@wec.uk.net
1. The Contents of this Contract.

a. In this contract the ‘Company’ means WEC Group Limited. The ‘Goods’ means the goods or services sold or supplied by the Company to the Customer under this Contract. This Contract means a Contract between the Customer and the Company incorporating these conditions.

b. This Contract governs the sale of the Goods by the Company to the exclusion of all other representations, statements, understanding, negotiations, proposals or agreements.

c. Where the Customer submits its own order form, these terms shall prevail if they conflict with the terms in that form, even if that form includes a condition similar to this one.

d. No employee of the Company or its agents has authority to make any warranty statement or promise concerning the goods, except in writing signed by a duly authorised employee of the Company.

e. The Customer’s order shall be subject to acceptance by the Company.

f. Orders are accepted and estimates of delivery given conditionally on the Company being able to secure the necessary labour or material and without responsibility for delays or non-fulfilment arising through risk and uncertainties of manufacture, strikes, accidents, force majeure or otherwise however caused.

g. All drawings, descriptive and forwarding specifications, particular of weights and dimensions are approximate only and not binding and illustrations contained in catalogues, sales literature and other advertising material are for the purpose of general description only and none of these shall form part of this Contract.

2. Prices

a. We reserve the right to invoice at the price ruling at date of despatch. All prices, unless otherwise stated, are exclusive of value added tax or any other duty which is or may be levied or charged in the UK or in the country of destination. Any such taxes, duties or charges shall be paid by the Customer.

b. Unless otherwise specified, packing cases and pallets will be charged extra, but will be credited in full on return carriage paid and in one month by the Customer Export packing cases are not returnable.

c. Prices quoted are subject to any increase in the cost of labour or material between the date of quotation and despatch of Goods from our works and we do not include installation costs.

3. Property of Goods

a. Property of Goods delivered by the Company shall not pass to the Customer until payment is made in full. In the case of default in payment, the Company shall be granted access rights in order to repossess the Goods. At all times before payment in full, the Goods shall stand in the Customer’s books in the name of the Company and the Customer shall take appropriate steps to notify third parties of the Company’s interest in the Goods and

b. In the event of threatened seizure of the Goods or an appointment of a receiver or liquidator, or any other event entitling the Company to terminate this Contract under paragraph 8, the Customer shall immediately notify the Company. The Company shall be entitled to enter the Company’s premises and repossess the goods.

c. If the Customer delivers the Goods to a third party before payment has been made in full to the Company the Customer shall hold all sums received for such Goods as trustee for the Company and shall remit to them the Company on receipt.

d. Risk in the Goods shall pass on delivery.

4. Delivery

a. Delivery shall be ‘ex-works’ unless otherwise agreed. If the Contract includes delivery by the Company or its nominated contractor, the Customer is responsible for giving the Company clear and accurate information as to the place of delivery.

b. Time shall not be of the essence in respect of delivery. If the Goods are not to be delivered by a date specified by the Customer or the Company, such date is to be treated as an estimate only. The Company does not guarantee that the Goods will be delivered by such date or accept liability or any consequential losses for failure to meet the date.

5. Settlement Terms

a. Home Sales - Where credit facilities exist, accounts are due for payment within 30 days of the end of the month of delivery. Where special discount terms are quoted, the terms must be strictly adhered to otherwise the account will be charged net. The Customer shall, unless agreed in writing, pay all sums to the Company under the Contract prior to delivery in cash or cleared cheque in pounds sterling.

b. If for any reason the Company does not receive unconditional payment in full, whether under any terms of credit facilities or otherwise, within 30 days of delivery then the Company may charge interest on such payments at a rate equal to 4% per annum above the Base lending rate of the National Westminster Bank plc, with such interest to run from day to day to accrue before as well as after any judgement.

c. Overseas and Export Sales - Special terms will be quoted for overseas deliveries.

c. If we incur third party costs such as tracing, debt collection agency or seek to take legal proceedings to enforce our rights as a result of breach of this Contract, including but not limited to recovery of all sums due, the Customer will be liable to reimburse the Company such costs incurred on an indemnity basis.

6. Deliveries

a. The Company does not accept responsibility for any damage, shortage or loss in transit unless:

i) Non-receipt of Goods is advised to the Company within 10 days from the date of the Company’s advice/delivery note and

ii) Any breakage, damage or shortage is advised to the Company and carriers within 3 days of receipt of goods, provided that the carrier’s note is marked ‘unexamined’.

b. All sizes are approximate. Variations during the course of manufacture cannot be avoided and liability is not accepted for them. Where exact and detailed dimensions on standard products are required, the Company reserves the right to provide technical details for freedom and uncertainty of manufacture.

c. When Goods are offered and supplied to a Customer’s design and specification, no guarantee is given or implied of their suitability for the purpose of which they are intended.

d. In cases where fixings and holding down bolts are supplied, then it is the Customer’s responsibility to ensure that the fabric being connected is of suitable strength and quality to accept the fixings and equipment being connected to. It is the Customer’s onus to ensure that the fixings are fitted in the correct manner and to the manufacturer’s guidelines.

e. If during a period of 12 months from delivery the Company is notified of a fault in the Goods which is due to faulty design, manufacturing or materials, the Company will replace or (at its option) repair the faulty part free of charge provided that:

i) The Goods have been properly kept, used and maintained in strict accordance with the manufacturer’s or the Company’s instructions, if any and have not been modified.

ii) The fault is not due to accidental or wilful damage, interference with or maintenance of the Goods by persons other than the Company or its duly appointed agent.

iii) If the Goods have been manufactured to the Customer’s design, the fault is not due to faulty design by the Customer.

iv) This guarantee does not cover wear and tear.

v) The Customer will be required to return the faulty Goods to the Company.

7. Limits of Liability

a. Except where expressly contained in this Contract, all warranties, conditions, undertakings and representations, expressed or implied, statutory or otherwise, are excluded and the Company has no obligation, duty or liability in Contract, tort (including negligence or breach of statutory duty) or otherwise.

b. In any event, the Company’s liability arising for any reason in connection with the Contract shall be limited to the original invoice value of the Goods.

c. In no circumstances will the Company be liable in Contract, tort (including negligence or breach of statutory duty) or otherwise for loss (whether direct or indirect) of profits, business or anticipated savings, or any indirect or consequential loss or damage whatsoever.

d. The Company does not exclude or restrict liability for death or personal injury resulting from its own negligence.

e. Each provision of this condition is to be construed as a separate and independent applying and surviving even if for any reason one or all of the said provisions is held unreasonable in any circumstances and shall remain in force notwithstanding termination of this Contract.

8. Termination

a. The Company shall have the right forthwith to terminate this Contract and to claim for any resulting losses or expenses if:

i) The Customer commits a breach of this Contract and fails to remedy the breach within a reasonable time of written notice to do so.

ii) The Customer commits any act of bankruptcy or compounds with its creditors, or a petition or receiving order in bankruptcy is presented or made against the Customer, or

a petition for an administration order is presented (otherwise than for reconstruction or amalgamation), or a receiver or administrative receiver or any similar event occurs under the laws of the state where the Customer was incorporated.

9. Modification of Contract

a. Should the Customer reduce quantities or modify specifications once an order has been placed with the Company, then the Customer shall have liability for all materials and labour costs up to the point of contract modification.

10. Force Majeure

a. The Company shall not be liable in respect of any breach of this Contract due to any cause beyond its reasonable control including Act of God, inclement weather, flood, lightning or fire, industrial actions or disputes, the act of commission of Government, highways authorities or other competent authority, war, military operation or riot, the act of amission of any part for whom the Company is not responsible.

11. Infringements

a. The Customer shall indemnify the Company against all damages, penalties, costs and expenses arising out of any claim by any third party for any infringement or alleged infringement of any third party’s industrial or intellectual property rights in any work carried out in accordance with the Customer’s specifications.

b. Copyright in all drawings or tracings prepared by the Company are the Company’s property and copyright must be regarded as confidential. Such drawings and tracings must not be published or disclosed under any circumstances without the Company’s permission in writing.

12. Applicable Law

Credit Application

Please complete all sections in BLOCK CAPITALS and return to WEC Group Limited with a copy of your letter heading

Company Details
Customer Name ........................................................................................................... Company Reg. No .................................................................
Trading Name (if different) ............................................................................................... 
Address .......................................................................................................................... Post Code .................................................................
Tel No: ............................................................................................................................... Fax No .................................................................
Registered Office (if different from above) ....................................................................... VAT No .................................................................
Tel No. ................................................................................................................................. Fax .................................................................
Type of Company (circle as appropriate)
Public Limited Company Limited Company Partnership Sole Trader
Parent Company Name ..................................................................................................... 
Name & Address of Directors / Partners / Sole Traders
1) ................................................................................................................................. Post Code .................................................................
2) ................................................................................................................................. Post Code .................................................................
3) ................................................................................................................................. Post Code .................................................................
Number of years trading .................................................................................................. Credit limit required (£ per month) .................................................................
Approx annual turnover .................................................................................................. Total No. of staff .........................................................................................
Number of outlets (please supply details under separate cover) ....................................... 
Do you require to give official order numbers? Yes / No Confirmed in writing? Yes / No
Contact name & telephone no. of person in charge of accounts payable ................................

Bank Details
Banker ............................................................................................................................... Branch .................................................................
Sort Code .......................................................................................................................... Account No .................................................................
Account Name .................................................................................................................. Bank Tel No .................................................................

Trade References
Name ............................................................................................................................... Name .................................................................
Address ............................................................................................................................ Address .................................................................
Tel No ............................................................................................................................... Post Code .................................................................
Contact ............................................................................................................................. Contact .................................................................

We have read your conditions of sale as set out and agree that they supercede any terms/conditions confirmed in our purchase order.

Signed (Authorised signatory) ....................................................................................... Signed (Authorised signatory)
Print Name & Title ......................................................................................................... Print Name & Title .................................................................
Date ................................................................................................................................. Date .................................................................
Account Approval ........................................................................................................... Credit Limit ................................................................. Account Number .................................................................

Thank you for completing this form - we will process it as quickly as we can, and look forward to your valued orders in the near future.
Directions
Leave M65 at Junction 4
Take the exit for Blackburn/Darwen off the roundabout
Move into the left hand lane and head towards Darwen/Bolton A666
Continue through Darwen centre and on past India Mill on your left

Junction Street Site
Take a left before the petrol station onto Cross Street
WEC is on your right

Spring Vale Road Site
Take a left after the petrol station onto Grimshaw Street
WEC is second road on your right
CCTV

Britannia House, Junction Street,
Darwen, Lancashire BB3 2RB.

Sales Direct: +44 (0) 1254 700200
General Enquiries: +44 (0) 1254 773718
Fax: +44 (0) 1254 873637
Website: www.wec.uk.net
Email: all@wec.uk.net

WEC CCTV is a trading division of WEC Group Ltd.