With the pace and competitiveness of business today, customers expect accurate orders to be delivered on time and damage-free, every time.

Extending the popular ergonomic design of the CK3 model, the CK3X Mobile Computer takes the best and makes it even better, giving you the power to put accuracy and productivity in the hands of your workers with a mobile solution that offers easy deployment and fast return on investment.

The CK3X computer comes with a choice of integrated area imagers for standard range or near/far range scanning. These imagers provide unsurpassed scanning performance on 1D and 2D barcodes and are particularly well-suited for reading poor-quality or damaged codes. Support for omnidirectional scanning and very high motion tolerance enables workers to capture an accurate scan and quickly move to the next task.

Featuring a highly adaptable design, the CK3X computer is supported by an 802.11 a/b/g/n and Bluetooth® wireless technology radio, as well as an optional RFID reader accessory. When outfitted with Honeywell Vocollect™ voice, you can combine the proven results of voice-directed workflows with traditional barcode data collection all in the same device.

Avoid downtime with a device that is truly rugged. The CK3X computer can withstand multiple 1.5 meter (5 ft) drops to concrete (across all operating temperatures) and delivers industry-leading battery life that will last through a full shift and beyond – no more interruption to replace or recharge batteries. Best of all, this comes without the bulk and size of traditional rugged devices in the same class.

Transitioning from other computers to the CK3X computer is easy with device configuration tools like CloneNGo, our breakthrough device provisioning that makes it easy to “clone” device settings from a single master unit to an unlimited number of devices. With support for the Microsoft® Windows® Embedded Handheld 6.5 operating system and broad compliance for HTML5, the CK3X computer is compatible with a wide range of software applications – from warehouse management systems to other mission-critical tools.

FEATURES & BENEFITS

- Choice of integrated high-motion tolerance 2D area imager or 2D near/far area imager supports high-performance, omnidirectional scanning.
- Supports industry-standard 802.11 a/b/g/n and Bluetooth wireless technology radio for adaptable communications.
- Industry-leading battery performance will last a full shift and beyond.
- Designed to support Vocollect voice to combine voice-directed workflows with traditional barcode data collection.
- Optional field-installable RFID reader to adapt to your changing data collection needs.
CK3X Mobile Computer Technical Specifications

**PHYSICAL & ENVIRONMENTAL CHARACTERISTICS**

- **L x W x D:** 21.6 x 8.3 x 3.6 cm (8.53 x 3.29 x 1.42 in)
- **Weight:** 499 g (17.6 oz) with 5.1Ah battery
- **Width:** Grip area: 6.1 cm (2.40 in)
- **Operating Temperature:** -10°C to +50°C (+14°F to +122°F)
- **Storage Temperature:** -20°C to +70°C (-4°F to +158°F)
- **Charging Temperature:** +5°C to +35°C (+41°F to +95°F)
- **Relative Humidity:** Non-condensing, 95%
- **Rain & Dust Resistance:** IP54, category 1
- **Drop Specification:** 1.5 m (5 ft) to concrete per MILSTD 810G across operating temperatures
- **Tumble Specification:** 1,000 (1.0 m) tumbles per IEC 60068-2-32 specification
- **Electrostatic Discharge:** ± 15 kV air discharge, ± 8 kV direct discharge

**SYSTEM ARCHITECTURE & PERFORMANCE CHARACTERISTICS**

- Texas Instruments 1 GHz multi-engine processor architecture
- **Operating System:** Microsoft Windows Embedded Handheld built on Windows 6.5.3 technology with Honeywell HTML5 Browser. Available via download at the Honeywell Developer Library.
- **Memory & Storage:**
  - **Memory:** 256 MB RAM
  - **ROM:** 1 GB Flash
- **Display:**
  - 8.9 cm (3.5 in) Transmissive QVGA
  - 240 x 320 pixels
  - 65,536 (16-bit RGB) colors
  - High-durability touch screen
  - LED backlight
  - Ambient light sensor
- **Keypad Options:**
  - Both keypad options feature backlit hard keycaps with laser-etched legends.
  - Numeric with function keys
  - Alphanumeric

**INTEGRATED SCANNER OPTIONS**

- **EA30 High-Performance Motion-Tolerant 2D Imager:** (up to 600 in/s) white LED illumination; red laser aimer and framer optimized for all lighting conditions. Capable of scanning all common 1D and 2D barcodes; 1D as small as 4 mil; 2D as small as 6.6 mils. Refer to User’s Manual for depth of field performance.
- **EX25 Near/Far 2D Imager:** Capable of scanning 1D and 2D barcodes from 15.2 cm to 15.2 m (6 in to 50 ft). Refer to User’s Manual for depth of field performance.

**SENSOR TECHNOLOGY**

- **Accelerometer:** Embedded accelerometer enables automatic or application-specific features such as screen rotation or system suspend.
- **Ambient Light Sensor**

**STANDARD COMMUNICATIONS**

- **USB – Full Speed 2.0 OTG³, USB – Full Speed 2.0 Client¹**
- **Audio Support**
  - Supports VoIP / Vocollect voice / Push-to-Talk applications; rear speaker >80 dB at 40 cm (15.7 in); front receiver and front-panel microphone for handset audio communication and audio recording; wireless Bluetooth headset support.
- **Wireless LAN:** IEEE 802.11 a/b/g/n Dual Band
- **WLAN Security:** Wi-Fi certified for WPA and WPA2 Authentication: 802.1x
- **Cisco® Compatibility:** CCXv4
- **Encryption:** WEP (64- or 128-bit), AES, TKIP
- **Bluetooth:** Integrated Bluetooth Class II, Version 2.1+EDR
- **Operating Channels:** 0 to 78 (2402-2480 MHz)
- **Data Rates:** 1, 2, 3 Mbps
- **Antenna:** Internal

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- **Data Rates:** 1, 2, 3 Mbps
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**SOFTWARE APPLICATIONS & COMPONENTS**

- **Device Management:** Honeywell SmartSystems™ Foundation provides a single, integrated environment for hands-free deployment and management of devices on-site or remote. Also compatible with leading third-party data and device management products.
- **ScanNGo for easy barcode-based enterprise-wide device provisioning.** It can be used to download device management software from Honeywell ISVs. CloneNGo, a peer-to-peer device management software that enables simple device cloning, eliminating the need to use a management console for device provisioning.

**Device Health Monitoring:** On-board monitoring of key subsystems including scanning, communications and battery life; remote access requires SmartSystems management option.

**APPLICATION**

- **Development:** Honeywell Developer Library
- **Development Environments:** Microsoft Visual Studio®, .NET compact framework; JVM
- **In-Premise Clients:** Optional factory pre-loaded Enterprise Client Pack (Honeywell Terminal Emulator + Honeywell Browser)
- **Web Browsing:** Honeywell Browser, Honeywell HTML Browser (includes Windows Internet Explorer)
- **Device Lockdown:** Honeywell Launcher

**HONEYWELL GLOBAL SERVICES SUPPORT**

- **Contact for Support:**
  - [www.hsmcontactsupport.com](http://www.hsmcontactsupport.com)
  - [Public Knowledgebase Articles](http://www.hsmknowledgebase.com)
- **Telephone support available in North America (+1 800 782 4263). Outside of this area, contact your local representative.**

**ACCESSORIES**

- Supports most CK3 charging and docking accessories as well as FlexDock modular docking system, vehicle dock and holder, snap-on adaptors and removable scan handle.

**RFID SUPPORT**

- Ready to accommodate field-attachable RFID reader handle via wired (USB) or Bluetooth, enabling you to upgrade to RFID in the future without replacing the whole device.

**REGULATORY APPROVALS & COMPLIANCE**

- [1007CP02 (CK3X) and 1007CP02L (China)](http://www.honeywellaidc.com/compliance)
- **Safety:** cULus Listed, DEMKO, BSMI
- **EMC:** Class B – FCC/ICES/EN, GOST-R, CE, CCC
- **Radio:** FCC, Industry Canada, C-tick (AU/NZ), NCC, OFCA, IDA, ICASA, POSTEL, NTC, KCC (Korea), ETA, ANATEL, 61 countries in total
- **Environmental:** EU Directives-WEEE, RoHS; Batteries & Accumulators; Packaging & Waste Packaging

**NON-INCENDIVE VERSION**

- [1007CP02-NI (CK3X)](http://www.honeywellaidc.com/compliance)

CK3X with NI certification complies with the following: Suitable for use in Division 2 locations

**Publications**

- [www.hsmknowledgebase.com](http://www.hsmknowledgebase.com)
- [www.hsmcontactsupport.com](http://www.hsmcontactsupport.com)
- [www.hsmknowledgebase.com](http://www.hsmknowledgebase.com)
- [www.honeywell.com](http://www.honeywell.com)

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

For a complete listing of all supported barcode symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

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