

HX2

Wearable Computer

The HX2 is ready for any workflow needed in a high volume quick-picking environment. Voice-direct the HX2, trusting the fidelity of ToughTalk technology that has been proven to improve voice recognition in noisy environments. Capture bar code data using the low-profile ring scanner, designed to swap between right and left-hand usage in a click. Input additional data through an impact-resistant touchscreen or one of two epoxy-coated keypad configurations. Build the multi-modal process that optimizes your efficiency, and have peace of mind knowing that the HX2 can be customized to meet your data capture needs.

The magnesium alloy-housed HX2 and ring scanner are tough, yet optimized for operator comfort. A lightweight, innovative wrist-mount comfortably secures the unit to the operator, preventing slippage or rotation. Or wear on the waist using our hip-flip accessory. Individual wrist and ring-mount pads are removable and washable for hygiene and multi-shift productivity.

Choice without compromise - it's what a multi-modal computer should be.



Features

- **Ergonomic:** Perfect for hands-free warehouse picking and small parcel move applications when wrist mounted or worn with hip-flip accessory, and combined with a ring scanner and/or headset; provides worker flexibility with improved efficiency and less fatigue
- **Low Profile Ring Scanner:** Reduces interference, improving worker transaction time while lowering total cost of ownership
- **Rugged:** IP54-rated design and the ability to withstand multiple 4' drops to concrete result in lower cost of ownership and reduced down time
- **ToughTalk Ready:** Ensures successful scans and data entry with a specialized combination of Honeywell's trademark rugged system design, advanced audio circuitry and noise-canceling techniques
- **Multi-Modal:** ToughTalk technology, an impact-resistant touchscreen, and a double- or triple-tap keypad allows workers to take advantage of the efficiencies of voice applications while supporting data input on a single device

HX2 Technical Specifications

Mechanical/Environmental

Dimensions	HX2: 5.0" x 3.5" x 1.4" (126mm x 89mm x 36mm) Ring Laser Scanner: 1.9" x 1.1" x 1.1" (48 x 28 x 28 mm) Ring Imager: 1.9" x 1.1" x 1.3" (48 x 28 x 33 mm)
Weight	9.3oz (264g) Short Range Laser Ring: 2.3 oz (65g) Ring Imager: 2.5 oz (79g) Standard Battery: 4.0 oz (114g) Extended Battery: 7.2 oz (204g)
Operating Temperature	-4° to +122°F (-20° to +50°C)
Storage Temperature	-4° to + 158°F (-20° to +70°C)
Humidity	5% to 90% relative humidity non-condensing at 104°F (40°C)
Drop	Withstands multiple 4' (1.2m) drops to concrete
Environmental Sealing	Independently certified to meet IP54 standards for moisture and particle resistance
ESD	8KV Air discharge, 4KV contact discharge

System Architecture

Processor	Intel® XScale® PXA255 400 MHz
Operating System	Microsoft® Windows® CE 5.0 Professional
Memory	128MB SDRAM, 128MB or 512MB Flash
Display	2.5" QVGA (320x240), 350 NITs
Touch Panel	Impact-resistant touchscreen for finger or stylus input (can be deactivated)
Keypad	Backlit 23-key alphanumeric fully mappable backlit, keyboard, Alpha entry through double-tap color-coded legend or triple-tap (cellphone) option
Audio	Built-in microphone, Speaker w/ adjustable volume control capable of > 102dB, Headset port
Battery	Standard - Li-ion, 7.4V, 2000 mAh; Extended - Li-ion, 7.4V, 4000 mAh
Battery Life	Standard/Extended: 10 hours/20 hours (scanning and sending data over WLAN and Bluetooth every 10 seconds)
Imager/Scanner	Standard range laser ring, 2D imager ring w/ enhanced white LED illumination
Decode Capabilities	Reads standard 1D and 2D symbologies
Warranty	1 year factory warranty
Service Plans	Optional three-and five-year service programs offer worry-free mobile computing

Wireless Connectivity

WLAN	2.4GHz 802.11 b/g, 2.4GHz/5.0GHz 802.11 a/b/g
WLAN Security	Authentication: Support for a full range of 802.1X (EAP) types, including EAP-TLS, PEAP-MSCHAPv2, PEAP-GTC, LEAP, and EAP-FAST Encryption: Support for Static, pre-shared, and dynamic encryption keys, 40-bit and 128-bit keys, WEP, WPA (TKIP), and WPA2 (AES) Encryption Methods
WPAN	Bluetooth® 2.0 + EDR, class II

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For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance

For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies



For more information:

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