

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

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|----------------------------|--|
| 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



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