

# Enhanced Xenon 1900h

## Area-Imaging Healthcare Scanner



Honeywell's Xenon healthcare scanner has long been the choice for best-in-class healthcare organizations looking to improve patient safety while enhancing clinician productivity. Now, the next-generation Enhanced Xenon 1900h adds new functionality specifically requested by clinicians to further enhance patient comfort and improve common clinician workflows.

As a wired scanner, the Enhanced Xenon 1900h is ideal for fixed applications that require direct connection to a workstation or laptop. For applications requiring additional flexibility and freedom of movement, the Enhanced Xenon 1902h wireless healthcare scanner is also available.

Setting the high watermark for scanning performance, the Enhanced Xenon 1900h utilizes Honeywell's sixth-generation Adaptus™ area-imaging technology for incredibly responsive reading of virtually all 1D, PDF, and 2D bar codes—even challenging high-density, low contrast, translucent or damaged codes. ColorFusion™ technology adds color imaging, allowing the scanner to read color bar codes that are becoming more prevalent in healthcare environments.

To enhance patient comfort while maintaining clinician productivity, the Enhanced Xenon 1900h can be quickly toggled into Patient Do-Not-Disturb mode. When in this mode, audible feedback is disabled and replaced by additional visual display options that provide positive status indication to the clinician.

*With industry-leading performance and reliability, Enhanced Xenon 1900h Color is well suited for a wide variety of healthcare applications*

The Enhanced Xenon 1900h is enclosed in a disinfectant-ready housing which resists the harmful effects of harsh cleaning agents commonly used in healthcare environments and minimizes the spread of infectious diseases. Backed by a five-year warranty, the Enhanced Xenon family is built to deliver years of uninterrupted performance in challenging healthcare environments.

### FEATURES & BENEFITS



Powered by Adaptus™ and ColorFusion™ technologies, Xenon delivers unrivaled scanning performance on 1D, PDF, and 2D barcodes.



Healthcare grade disinfectant-ready housing protects investment with durable construction that is better able to resist the harmful effects of harsh chemicals.



Quickly toggle to Patient Do-Not-Disturb Mode utilizing visual feedback to minimize intrusive feedback tones and improve patient comfort.



Ideal for fixed applications requiring direct connection to a workstation or laptop. (For wireless applications, consider Enhanced Xenon 1902h.)



Backed by a five-year warranty, the Enhanced Xenon 1900h Color scanner is built to deliver years of uninterrupted performance.

# Enhanced Xenon 1900h Technical Specifications

## MECHANICAL

**Dimensions (LxWxH):** 104 mm x 71 mm x 160 mm (4.1" x 2.8" x 6.3")

**Weight:** 147 g (5.2 oz)

## ELECTRICAL

**Input Voltage:** 4 VDC to 5.5 VDC

**Operating Power:** 2.3 W (450mA @ 5 VDC)

**Standby Power:** 0.45 W (90mA @ 5 VDC)

**Host System Interfaces:** USB, Keyboard

Wedge, RS232, IBM 46xx (RS485)

## ENVIRONMENTAL

**Operating Temperature:** 0°C to 50°C (32°F to 122°F)

**Storage Temperature:** -40°C to 70°C (-40°F to 158°F)

**Humidity:** 0% to 95% relative humidity, non-condensing

**Drop:** Designed to withstand 50 1.8 m (6') drops to concrete

**Environmental Sealing:** IP41

**Light Levels:** 0 to 100,000 lux (9,290 foot-candles)

## SCAN PERFORMANCE

**Scan Pattern:** Area Image (838 x 640 pixel array)

**Motion Tolerance:** Up to 610 cm/s (240 in/s) for 13 mil UPC at optimal focus

**Scan Angle:** Horizontal 41.4°; Vertical: 32.2°

**Symbol Contrast:** 20% minimum reflectance difference

**Pitch, Skew:** 45°, 65°

**Decode Capability:** Reads standard 1D, PDF, 2D, Postal and OCR symbologies

\*Note: Decode capabilities dependent on kit configuration

**Warranty:** 5 year factory warranty

TYPICAL PERFORMANCE*	HIGH DENSITY
<b>Narrow Width</b>	Depth of Field
<b>5 mil Code 39</b>	0 mm – 91.4 mm (0" – 3.6")
<b>13 mil UPC</b>	10.2 mm – 149.9 mm (0.4" – 5.9")
<b>20 mil Code 39</b>	10.2 mm – 213.4 mm (0.4" – 8.4")
<b>6.7 mil PDF417</b>	0 mm – 96.5 mm (0" – 3.8")
<b>10 mil DM**</b>	0 mm – 106.7 mm (0" – 4.2")
<b>20 mil QR</b>	10.2 mm – 172.7 mm (0.4" – 6.8")
<b>Resolution 1D Code 39</b>	3 mil (0.076 mm)
<b>Resolution 2D DM**</b>	5 mil (0.127 mm)

\*Performance may be impacted by bar code quality and environmental condition

\*\* Data Matrix (DM)

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 bar code symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

## Honeywell Scanning & Mobility

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