

Enhanced Xenon 1900EHC-BCMA

Area-Imaging Healthcare Scanner for VAMC

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. Ideal for use in rooms with permanent mount workstations.

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.

Kit Number: 1900EHC-BCMA

Enhanced 1900 imager with BCMA configuration, Setup Card, USB cable and 5-year warranty.

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. (Wall-Mount holders are available.)



Backed by TCG's 5-year EWP Enhanced Warranty Protection and lifetime HelpDesk support.

1900EHC-BCMA 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

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

EWP: Lifetime Telephone Technical Support

COMPONENTS

1900EHD Scanner
USB Cable
BCMA Configuration Card
Quick-Start Guide

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

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

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