

Xenon Performance (XP) 1932h

Cordless Area-Imaging Scanner

The most successful and discerning healthcare providers choose Xenon™ scanners to ensure they are providing more meaningful patient interactions and clinical outcomes. The new Xenon Performance (XP) 1932h scanner builds on the strong foundation of earlier Xenon healthcare scanners, continuing the tradition of industry-leading performance and durability.

The Xenon XP 1932h scanner ensures that healthcare professionals remain focused on the patient, making the process of patient ID verification quick and easy. Incorporating the seventh generation of Honeywell's proven Adaptus™ imaging technology and a one-megapixel imager, the Xenon XP 1932h scanner offers superior scan performance, easily capturing even the most difficult-to-read or damaged codes. Along with full-shift battery life and tool-free battery replacement, this helps to eliminate wasted movements and lost time, improving healthcare worker productivity and throughput.

Engineered to 50 drops at 1.8 m (6 ft) and 3,000 tumbles at 0.5 m (1.6 ft), and with an IP42 ingress rating for water and dust, the Xenon XP 1932h scanner delivers class-leading durability. This significantly reduces scanner downtime and service costs, leading to a longer lifecycle and a lower total cost of ownership.

Further prolonging its useful life and reducing TCO, the Xenon XP 1932h scanner is designed to survive repeated exposure to harsh healthcare chemicals – with sturdy, disinfectant-ready plastics and fewer seams and cracks. The same plastics are used in the scanner's charge and communication bases, delivering maximum protection from infectious bacteria.



The Xenon XP 1932h cordless scanner delivers premium performance and class-leading durability for increased clinician productivity and maximum uptime – improving patient outcomes and lowering TCO.

Honeywell's Connected platform drives even greater productivity and throughput for healthcare organizations. Operational Intelligence software delivers real-time scan data and battery metrics, giving managers insight into workflows for potential process improvements and user training opportunities.

FEATURES & BENEFITS



Superior 1D and 2D scanning performance, even on damaged and poor-quality barcodes, eliminates wasted seconds from any scan.



The disinfectant-ready plastic housing protects your investment with a durable construction engineered to resist the harmful effects of the broadest range of harsh chemicals.



Multiple modes are available to ensure patient comfort while maintaining clinician productivity: Patient Do-Not-Disturb, Vibration, and Scan Lamp.



Honeywell's Connected platform delivers on-demand scan and battery insights, enabling higher healthcare worker productivity and throughput.



The Honeywell Scanner Management Utility (SMU) creates a holistic solution that automates how you deploy and update the scanners in your environment.

Xenon Performance (XP) 1932h Technical Specifications

WIRELESS

Radio/Range: 2.4 to 2.5 GHz (ISM Band) Adaptive Frequency Hopping Bluetooth® v4.2; Class 2: 10 m (33 ft) line of sight or BLE: 10 m (33 ft) line of sight

Power Options

Battery-Free (SuperCap)

Number of Scans: Up to 450 per charge

Expected Duration of Operation: ±25 mins (5 scans/transaction, 1 min/transaction)

Expected Charge Time: 120 seconds, 30 seconds

Expected Ready to Go Charge Time (USB, Power Adapter): Typically under 25 seconds, 15 seconds

Battery: 2500 mAh Li-ion minimum

Number of Scans: Up to 50,000 scans per charge

Expected Duration of Operation: 14 hours

Expected Charge Time: 4.5 hours

User Indicators: Good Decode LEDs, Rear View LEDs, Beeper (adjustable tone and volume), Vibration (adjustable), Charge Status Indicator

MECHANICAL/ELECTRICAL

Dimensions (LxWxH)

Scanner: 99 mm x 64 mm x 165 mm (3.9 in x 2.5 in x 6.5 in)

Presentation Base: 160 mm x 90 mm x 91 mm (6.3 in x 3.5 in x 3.6 in)

Desktop/Wall Mount Base: 226 mm x 67 mm x 81 mm (8.9 in x 2.6 in x 3.2 in)

Weight

Scanner

Battery-Free: 212 g (7.5 oz)

With Battery: 240 g (8.5 oz)

Presentation Base: 213 g (7.5 oz)

Desktop/Wall Mount Base: 237 g (8.4 oz)

Operating Power (Charging) Bases: 2.5W
500 mA @ 5V DC

Non-Charging Power (Bases): 0.75W
150 mA @ 5V DC

Host System Interfaces: USB, Keyboard Wedge, RS-232, IBM 46xx (RS485)

ENVIRONMENTAL

Operating Temperature

Scanner: 0°C to 50°C (32°F to 122°F)

Bases

Charging: 5°C to 40°C (41°F to 104°F)

Non-Charging: 0°C to 50°C (32°F to 122°F)

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

Electrostatic Discharge (ESD) (Scanners and Cradles): ±8 kV indirect coupling plane, ±15 kV direct air

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

Tumble Spec: 3,000 0.5 m (1.6 ft) tumbles (impacts)

Drop: Engineered to withstand 50 1.8 m (6 ft) drops to concrete

Environmental Sealing: IP42

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

SCAN PERFORMANCE

Scan Pattern: Area Image (1240 x 800 pixel array)

Motion Tolerance: Up to 460 cm/s (181 in/s) for 13 mil UPC at optimal focus

Scan Angle

SR: Horizontal: 41°; Vertical: 33°

HD: Horizontal: 41°; Vertical: 33°

Print Contrast: 20% minimum reflectance difference

Roll, Pitch, Skew: ±360°, ±45°, ±65°

Decode Capabilities: Reads standard 1D, PDF, 2D, Postal Digimarc, and OCR symbologies. Note: Decode capabilities dependent on configuration

Warranty: 3-year factory warranty
Note: SuperCap Pack warranty is 5 years; Battery Pack warranty is 1 year

Xenon Performance (XP) 1932h Technical Specifications

DECODE RANGES (DoF)

TYPICAL PERFORMANCE*	STANDARD RANGE (SR)	HIGH DENSITY (HD)
NARROW WIDTH		
3 mil Code 128	58 mm – 143 mm (2.3 in – 5.6 in)	29 mm – 148 mm (1.1 in – 5.8 in)
5 mil Code 39	46 mm – 259 mm (1.8 in – 10.2 in)	22 mm – 250 mm (0.9 in – 9.8 in)
10 mil Code 39	0 mm – 536 mm (0 in – 21.1 in)	0 mm – 419 mm (0 in – 16.5 in)
13 mil UPC	19 mm – 642 mm (0.7 in – 25.3 in)	23 mm – 474 mm (0.9 in – 18.7 in)
15 mil Code 128	21 mm – 754 mm (0.8 in – 29.7 in)	23 mm – 474 mm (0.9 in – 18.7 in)
20 mil Code 39	25 mm – 989 mm (1 in – 38.9 in)	27 mm – 673 mm (1.1 in – 26.5 in)
5 mil PDF417	50 mm – 169 mm (2 in – 6.7 in)	25 mm – 170 mm (1 in – 6.7 in)
6.7 mil PDF417	27 mm – 234 mm (1.1 in – 9.2 in)	14 mm – 228 mm (0.6 in – 9.0 in)
7.5 mil DM**	46 mm – 184 mm (1.8 in – 7.2 in)	21 mm – 184 mm (0.8 in – 7.2 in)
10 mil DM**	27 mm – 255 mm (1.1 in – 10 in)	11 mm – 237 mm (0.4 in – 9.3 in)
20 mil QR	10 mm – 515 mm (0.4 in – 20.3 in)	15 mm – 342 mm (0.6 in – 13.5 in)

* Performance may be impacted by barcode quality and environmental conditions.

** 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 barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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