The Xenon XP 1952h scanner delivers premium performance and class-leading durability for increased clinician productivity and maximum uptime – improving patient outcomes and lowering TCO.

The Xenon Extreme Performance (XP) 1952h scanner builds on the strong foundation of earlier Xenon healthcare scanners, continuing the tradition of industry-leading performance and reliability.

The Xenon XP 1952h healthcare scanner ensures that healthcare professionals remain focused on the patient, making the process of patient ID verification quick and easy. Incorporating Honeywell’s renowned imaging technology, the Xenon XP 1952h scanner offers superior scan performance, easily capturing even the most difficult-to-read or damaged codes. This helps to eliminate wasted movements and lost time, improving healthcare worker productivity and throughput.

Freedom of movement around patients, family members, and expensive equipment – particularly in congested patient rooms or ICUs – is a continued challenge for today’s clinician. As more and more technology is packed into the modern-day patient room, free space comes at a premium. The Xenon XP 1952h cordless scanner ensures nurses’ focus is on patient safety and comfort.

Engineered to 50 drops at 1.8 m (6 ft) and 2,000 tumbles at 0.5 m (1.6 ft), the Xenon XP 1952h scanner’s class-leading reliability reduces scanner downtime and service costs, leading to a longer lifecycle and lower total cost of ownership.

FEATURES AND 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 harsh chemicals.
- Multiple patient comfort modes are available to ensure patient comfort while maintaining clinician productivity: Patient Do-Not-Disturb, Vibration, and Scan Lamp.
- Honeywell Operational Intelligence software delivers on-demand scan 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 Extreme Performance (XP) 1952h Technical Specifications

**WIRELESS**
Radio/Range: 2.4GHz Bluetooth radio v4.2 with Adaptive Frequency Hopping. Class 1: 100m line of sight (default), programmable to Class 2: 10m line of sight

**Power Options:**
- Battery: 2400 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

**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)
- 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): ±8 kV indirect coupling plane, ±15 kV direct air
- Humidity: 0 to 95% relative humidity, non-condensing
- Tumble Spec: 2,000 0.5 m (1.6 ft) tumbles (impacts)
- Drop: Engineered to withstand 50 1.8 m (6 ft) drops to concrete
- Environmental Sealing (Scanner): IP52
- Light Levels: 0 to 100,000 lux (9,290 foot-candles)

**MECHANICAL/ELECTRICAL**
- Dimensions (L x W x H):
  - Scanner: 99 mm x 64 mm x 165 mm (3.9 in x 2.5 in x 6.5 in)
  - Presentation Base: 132 mm x 101 mm x 81 mm (5.2 in x 4.0 in x 3.2 in)
  - Desktop/Wall Mount Base: 231 mm x 89 mm x 83 mm (9.1 in x 3.5 in x 3.3 in)
- Weight:
  - Scanner: 220 g (7.8 oz)
  - Presentation Base: 179 g (6.3 oz)
  - Desktop/Wall Mount Base: 260 g (9.2 oz)
- Operating Power (Charging) Bases: 2.5 W (500 mA @ 5V DC)

**DECODE RANGES (DoF)**

<table>
<thead>
<tr>
<th>Typical Performance*</th>
<th>Standard Range (SR)</th>
<th>High Density (HD)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NARROW WIDTH</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 mil Code 128</td>
<td>56 mm – 132 mm (2.2 in – 5.2 in)</td>
<td>27 mm – 131 mm (1.1 in – 5.1 in)</td>
</tr>
<tr>
<td>5 mil Code 39</td>
<td>28 mm – 242 mm (1.1 in – 9.5 in)</td>
<td>14 mm – 219 mm (0.6 in – 8.6 in)</td>
</tr>
<tr>
<td>10 mil Code 39</td>
<td>0 mm – 443 mm (0 in – 17.4 in)</td>
<td>0 mm – 389 mm (0 in – 15.3 in)</td>
</tr>
<tr>
<td>13 mil UPC</td>
<td>0 mm – 490 mm (0 in – 19.3 in)</td>
<td>0 mm – 368 mm (0 in – 14.5 in)</td>
</tr>
<tr>
<td>15 mil Code 128</td>
<td>0 mm – 543 mm (0 in – 21.4 in)</td>
<td>0 mm – 417 mm (0 in – 16.4 in)</td>
</tr>
<tr>
<td>20 mil Code 39</td>
<td>4 mm – 822 mm (0.1 in – 32.4 in)</td>
<td>6 mm – 604 mm (0.2 in – 23.8 in)</td>
</tr>
<tr>
<td>5 mil PDF417</td>
<td>54 mm – 160 mm (2.1 in – 6.3 in)</td>
<td>30 mm – 155 mm (1.2 in – 6.1 in)</td>
</tr>
<tr>
<td>6.7 mil PDF417</td>
<td>34 mm – 220 mm (1.4 in – 8.7 in)</td>
<td>17 mm – 211 mm (0.7 in – 8.3 in)</td>
</tr>
<tr>
<td>7.5 mil DM**</td>
<td>49 mm – 172 mm (1.9 in – 6.8 in)</td>
<td>27 mm – 160 mm (1.0 in – 6.3 in)</td>
</tr>
<tr>
<td>10 mil DM**</td>
<td>29 mm – 245 mm (1.1 in – 9.7 in)</td>
<td>12 mm – 211 mm (0.5 in – 8.3 in)</td>
</tr>
<tr>
<td>20 mil QR</td>
<td>0 mm – 438 mm (0 in – 17.2 in)</td>
<td>0 mm – 331 mm (0 in – 13.0 in)</td>
</tr>
</tbody>
</table>

* Performance may be impacted by barcode quality and environmental conditions.
** Data Matrix (DM)

**WHY HONEYWELL IS THE INNOVATIVE FUTURE MAKER**
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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For more information
www.honeywellaidc.com

Honeywell Safety and Productivity Solutions
9680 Old Bailes Road
Fort Mill, SC 29707
800-582-4263
www.honeywell.com

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