

Xenon Performance (XP) 1930g

Corded Area-Imaging Scanner

For high-volume scanning environments such as retail stores, distribution centers, and manufacturing, the Xenon™ Performance (XP) 1930g scanner delivers industry-leading performance and durability.

Incorporating the seventh generation of Honeywell's proven Adaptus™ imaging technology and a one-megapixel imager, the Xenon XP 1930g 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 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 1930g 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.

Designed for fast-moving environments with a high number of transactions, the Xenon XP 1930g scanner protects workers with superior depth of field – reducing the need to bend to reach barcodes on the bottom shelf or bottom of the basket. And with a simple, user-focused design, it offers a stylish appearance that fits into any environment. The Xenon XP 1930g is available in Black or Lyric White models to match the scanner to your environment, and a vibration mode eliminates unnecessary noise.

Honeywell's Connected platform drives even greater productivity and throughput for your business. Operational Intelligence software delivers real-time scan data, giving managers insight into workflows



The Xenon XP 1930g scanner delivers premium performance and class-leading durability for improved employee productivity and maximum uptime – leading to a lower TCO.

for potential process improvements and user training opportunities. In the future, workflow analytics delivered by our Connected platform will drive competitive advantage for our customers by providing business insights and benchmarking from every scan.

FEATURES & BENEFITS



Superior scanning performance, even on damaged and poor-quality barcodes, eliminates wasted seconds from every transaction.



Engineered to withstand 3,000 0.5 m (1.6 ft) tumbles and 50 1.8 m (6 ft) drops, the scanner brings class-leading durability and reliability to any environment.



The scanner is optimized for scanning both digital codes off customer smartphones and merchandise codes by the cashier at the register.



Honeywell's Connected platform delivers on-demand scan insights, enabling higher employee 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) 1930g Technical Specifications

MECHANICAL/ELECTRICAL

Dimensions (L x W x H): 99 mm x 64 mm x 165 mm (3.9 in x 2.5 in x 6.5 in)

Scanner Weight: 175 g (6.2 oz)

Input Voltage: 4.4V DC – 5.5V DC

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

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

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

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)

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)

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 – 145 mm (1.1 in – 5.7 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 more information

www.honeywellaidc.com

Honeywell Safety and Productivity Solutions

9680 Old Bailes Road

Fort Mill, SC 29707

800-582-4263

www.honeywell.com

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: 5-year factory warranty

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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