VOYAGER EXTREME PERFORMANCE (XP) 1470g

Durable, Highly Accurate 2D Scanner

Designed for in-store retail environments requiring a highly accurate 2D scanning solution in a durable form factor, the Voyager™ Extreme Performance (XP) 1470g scanner delivers industry-leading scanning capability on traditional barcodes and digital screens – even on damaged and difficult-to-read codes.



The Voyager XP 1470g scanner combines enhanced reading of poor-quality and damaged codes with class-leading durability, reducing the risk of errors and operational slowdowns and avoiding the hidden cost of warranty.

With better durability and a more powerful scan capability than previous models – or any competitive scanner in its class – the Voyager XP 1470g scanner is the perfect option for workflows that include 1D and 2D barcode reading and require a more robust and reliable solution. The Voyager XP 1470g scanner combines added durability and better scan capability at the same competitive price point as its predecessor. The scanner's extended scan distance will reach right to the bottom of the cart without bending and wasted time at the checkout.

Built on the platform of Honeywell's iconic Voyager series handheld scanners, the Voyager XP 1470g scanner is fully backward-compatible with existing Voyager accessories, reducing total cost of ownership.

Engineered to 30 drops at 1.8 m (6 ft) and 1,000 tumbles at 0.5 m (1.6 ft), the Voyager XP 1470g scanner is built to withstand busy point-of sale scanning with much better accuracy than comparable solutions.

FEATURES AND BENEFITS

Highly accurate and fast scanning of even damaged and poor-quality barcodes, with an extended scan distance to reach the bottom of the cart without bending and wasted time at point of sale.

Enhanced performance on the codes stores scan every day, including digital coupons, codes, and wallets on customers' smartphones, as well as merchandise codes at the register.

Honeywell Operational Intelligence software delivers on-demand scan insights, enabling higher employee productivity and throughput.

The Honeywell Scanner Management Utility (SMU) creates a holistic solution that automates deployment and updating of the scanner.

Honeywell

Voyager Extreme Performance (XP) 1470g Technical Specifications

MECHANICAL/ELECTRICAL

Dimensions (L x W x H): 62 mm x 169 mm x 82 mm (2.4 in x 6.6 in x 3.2 in)

Scanner Weight: 130 g (4.6 oz)

Input Voltage: 4.0V DC to 5.5V DC

Operating Power: 2 W (400 mA @ 5V DC)

Standby Power: 0.45 W (90 mA @ 5V DC)

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

ENVIRONMENTAL

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

Storage Temperature: -40°C to 60°C (-40°F to 140°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: 1,000 0.5 m (1.6 ft) tumbles (impacts)

Drop: Engineered to withstand 30 1.8 m (6 ft) drops to concrete

Environmental Sealing: IP40

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

SCAN PERFORMANCE

Scan Pattern: Area Image (1040 x 720 pixel array)

Motion Tolerance: 70 cm/s (27.6 in/s) for 13 mil UPC at optimal focus

Scan Angle: Horizontal: 39.2° nominal; Vertical: 27.4° nominal

Roll, Pitch, Skew: ±180°, ±65°, ±70°

Decode Capabilities: Reads standard 1D, PDF, 2D, and DotCode symbologies

Note: Decode capabilities dependent on configuration.

DECODE RANGES (DoF)

TYPICAL PERFORMANCE*	STANDARD RANGE (SR)
5 mil Code 39	20 mm – 205 mm (0.8 in – 8.1 in)
13 mil UPC	18 mm – 400 mm (0.7 in – 15.8 in)
6.7 mil PDF417	15 mm – 185 mm (0.6 in – 7.3 in)
10 mil DM**	10 mm – 165 mm (0.4 in – 6.5 in)
20 mil QR	5 mm – 325 mm (0.2 in – 12.8 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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For more information
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