VOYAGER EXTREME PERFORMANCE (XP) 1470G

Accurate, Durable and Affordable 2D Corded Scanner



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 repair or downtime.

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 delivers precise decoding performance, even with poor and damaged barcodes, making it an ideal choice for workflows that involve 1D and 2D barcode reading and require a robust and reliable solution. The scanner's extended scan distance will reach right to the bottom of the cart without bending and wasted time at the checkout.

With various POS compatibility and support for up to 84 international keyboards, Voyager XP 1470g is easy to deploy to global retail environments.

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 work with low cost of repair or downtime.

DISINFECTANT-READY HOUSINGS

Select models now available with disinfectant- ready housings. These models can be cleaned regularly with a wide variety of cleaning solutions without damaging your product.

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.

High durability that engineered to 30 drops at 1.8 m (6 ft) and 1,000 tumbles at 0.5 m (1.6 ft), allows to for use in harsh environments with lower total ownership cost.

With support from comprehensive software tools, ensures maximum compatibility with customer environments

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Voyager XP 1470g Technical Specifications

MECHANICAL/ELECTRICAL

Scanner Dimensions (L x W x H): 82 mm x 62 mm x 169 mm (3.2 in x 2.4 in x 6.6 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 certified (USB type C cable is available), Keyboard Wedge, RS-232
Keyboard Support: Support 84 international keyboards
User indicators: Good Decode LED, beeper (Adjustable tone and volume)

ENVIRONMENTAL

Operating Temperature: 0°C to 50°C (23°F to 122°F)
Storage Temperature: -40°C to 60°C (-40°F to 140°F)
Electrostatic Discharge (ESD): ±8 kV indirect coupling plane, ±15 kV direct air
Humidity: 0% to 95% relative humidity, non-condensing
Tumble (Scanner): 1,000 0.5 m (1.6 ft) tumbles (impacts)
Drop (Scanner): Engineered to withstand 30 drops to concrete from 1.8 m (5.9 ft)
Vibration (Scanner): Withstands 5G peak from 5 to 300Hz
Environmental Sealing (Scanner): IP52
Light Levels: 0 to 100,000 lux (9,290 foot-candles)

SCAN PERFORMANCE

Scan Pattern: Area Image (1040 x 720 pixel array)
Frame Per Second: 60FPS
Motion Tolerance: 70 cm/s (27.6 in/s) for 13 mil UPC at optimal focus
Print contrast: 15%
Scan Angle: Horizontal: 39.2° Vertical: 27.4°
Roll, Pitch, Skew: ±180°, ±65°, ±70°
Illumination: Warm white LED (CCT 2700K)
Aimer: Red dot LED, 624nm peak wavelength
Decode Capabilities[1]:
1D: Code 39, code 128, code 93, EAN, UPC,code 11, code 32 Pharmaceutical, codabar,, China Post, GS1 databar
2D: Aztec, Data Matrix, QR/Micro QR code, Maxicode, Chinese sensible (Han Xin) code, postal code, PDF417, DotCode,
Digital Watermarking: Digimarc
OCR: OCR A, OCR B, MICR E-13B and SEMI Font, in a 6 to 60 points OCR typeface
Note: Decode capabilities dependent on configuration.

REGULATORY[2]:

EMC: EN55032, EN55035, EN61000-3-2, EN61000-3-3, ICES-003 Issue 7
Safety, Health and Environmental Compliance: EN62368-1, IEC 62368-1, IEC 60950-1, IEC62471, IEC-63000(ROHS), UL 62368-1:2019, CSA C22.2 NO. 62368-1

Accessories: stands, wall mount holder, power supplies, cables

Services: Honeywell Edge Service

Utilities and Management: EZConfig, SMU, Total Freedom, Scanner Edge, SDKs, Various Drivers

Warranty: 5-year factory warranty.

DECODE RANGES (DoF)

SYMBOLOGY	TYPICAL PERFORMANCE[3]
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[4]	10 mm – 165 mm (0.4 in – 6.5 in)
20 mil QR	5 mm – 325 mm (0.2 in – 12.8 in)

SYMBOLOGY	MINIMUM RESOLUTION
Code 39	3 mil
PDF 417	4 mil
QR	6 mil
DM	5 mil

1. For a complete listing of all compliance approvals and certifications, please visit www.honeywell.com/PSScompliance
2. For a complete listing of all supported barcode symbologies, please visit www.honeywell.com/PSS-symbologies
3. Performance may be impacted by barcode quality and environmental conditions.
4. Data Matrix (DM)

For more information
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Voyager XP 1470g Data Sheet | Rev F | 4/25
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