

VOYAGER EXTREME PERFORMANCE (XP) 1400G

Accurate, Durable and Affordable 2D Corded Scanner

Designed for in-store retail environments requiring a highly accurate 2D scanning solution in a durable form factor, the Voyager™ Extreme Performance (XP) 1400g scanner delivers industry-leading scanning capability on traditional barcodes and digital screens – even on damaged and difficult-to-read codes.

The Voyager XP 1400g 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 enables intuitive barcode reading for typical workflows.

With various POS system compatibility and support for up to 84 international keyboards, Voyager XP 1400g 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 1400g scanner is built to work with low cost of repair or downtime.

The Voyager XP 1400g is entirely compatible with existing 1400g accessories, reducing total cost of ownership. Its sleek and flexible design allows for a seamless transition between handheld trigger mode and presentation mode, increasing throughput.



The Voyager™ XP 1400g scanner offers good performance, durability, and versatility, making it ideal for retail and pharmacy environments.

FEATURES AND BENEFITS



Highly accurate and fast scanning of even damaged and poor-quality barcodes, with an extended scan distance to enable intuitive barcode reading for typical workflows.



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 environment.

Honeywell

Voyager XP 1400g Technical Specifications

MECHANICAL/ELECTRICAL

Scanner Dimensions (L x W x H): 180 mm x 66 mm x 43 mm (7.1 in x 2.6 in x 1.7 in)

Scanner Weight: 119 g (4.2 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 (32°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): IP42

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 Capabilities¹:

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: OCRA, OCR B, MICR E-13B and SEMI Font, in a 6 to 60 points OCR typeface

Note: Decode capabilities dependent on configuration.

REGULATORY²:

EMC: EN55032, EN55035, EN61000-3-2, EN61000-3-3, FCC Part 15 Subpart B, ICES-003 Issue 7

Safety, Health and Environmental

Compliance: EN62368-1, IEC 62368-1, IEC62471, IEC-63000(ROHS), UL 62368-1, CSA C22.2 NO. 62368-1

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

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

Services: Honeywell Edge Service

Warranty: 5-year factory warranty.

DECODE RANGES (DOF)

SYMBOLGY	TYPICAL PERFORMANCE ³
5 mil Code 39	25 mm – 220 mm (1.0 in – 8.7 in)
13 mil UPC	25 mm – 410 mm (1.0 in – 16.1 in)
6.7 mil PDF417	20 mm – 200 mm (0.8 in – 7.9 in)
10 mil DM ⁴	15 mm – 180 mm (0.6 in – 7.1 in)
20 mil QR	10 mm – 360 mm (0.4 in – 14.2 in)

SYMBOLGY	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)