VOYAGER EXTREME PERFORMANCE (XP) 1472G

Accurate, Durable and Affordable 2D Cordless Scanner



The Voyager XP 1472g cordless 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) 1472g cordless scanner delivers industry-leading scanning capability on traditional barcodes and digital screens – even on damaged and difficult-to-read codes.

The Voyager XP 1472g 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.

Engineered to 30 drops at 1.8 m (6 ft) and 1,000 tumbles at 0.5 m (1.6 ft), the Voyager XP 1472g scanner is built to work with low cost of repair or downtime even in a harsh environment.

The Voyager XP 1472g offers 100m Bluetooth range under Bluetooth 4.2 mode for secure data transmission and premium workflow flexibility. Voyager XP 1472g provides full shift battery performance with up to 100,000 scans per charge. This enables workers to operate on-the-move and frees them from the need to frequently return the scanner to its base.

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 for use in harsh environments with lower total ownership cost.

100m Bluetooth range under Bluetooth 4.2 mode for secure data transmission and premium workflow flexibility.

Honeywell

Voyager XP 1472g Technical Specifications

MECHANICAL

Scanner Dimensions (L x W x H):
82 mm x 62 mm x 173 mm
(3.2 in x 2.5 in x 6.8 in)
Charge and Communication Base Dimensions (L x W x H):
(CCB01-010BT-V1N)
132 mm x 102 mm x 81 mm
(5.2 in x 4.0 in x 3.2 in)
Scanner Weight: 210 g (7.4 oz)
Charge and Communication Base Weight : 179 g (6.3 oz)

ELECTRICAL

Charge and Communication Base:
Input Voltage: 4.0V DC to 5.5V DC
Operating Power (Charging):
2.5W(0.5A@5V) with USB, 5W(1A@5V) with external power supply
Standby Power: 0.5 W (0.1A @ 5V)
Host System Interfaces: USB certified (USB type C cable is available), Keyboard Wedge, RS-232
Battery: Replaceable, 2400 mAh Li-ion
Number of Scans per Battery Charge:
Up to 100,000 scans at 1 scan per second
Expected Duration of Operation:
Up to 28 hours at 1 scan per second
Expected Charge Time:
USB cable: 7 hours
External 5V1A adapter: 4 hours
Keyboard Support: Support 84 international keyboards
User Indicators: Good Decode LEDs, Rear View LEDs, Beeper (adjustable tone and volume)

RADIO

Bluetooth v4.2
2.4 GHz to 2.5 GHz (ISM Band)
Adaptive Frequency Hopping
100 m (300 ft) line of sight with Honeywell charge and communication base

ENVIRONMENTAL

Operating Temperature:
Charging:
5°C to 40°C (41°F to 104°F)
Non-Charging: 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
Radio: FCC CFR Title 47 Part 15 Subpart C, RSS-Gen/RSS-247, EN 300 328.

Accessories: charge and communication base, spare battery, battery charger, Bluetooth access points, power supplies, cables
Services: Honeywell Edge Service
Utilities and Management: EZConfig, SMU, Total Freedom Plugins, Scanner Edge, SDKs, Various Drivers
Warranty: 3-year factory warranty (Battery: 1 -year)

DECODE RANGES (DoF)

SYMBOLOGY	TYPICAL PERFORMANCE*
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)

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

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

1. For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.
2. For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

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