

# 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<sup>1</sup>:

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

**Note:** Decode capabilities dependent  
on configuration.

## REGULATORY<sup>2</sup>

**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)

| SYMBOLGY       | TYPICAL PERFORMANCE*              | SYMBOLGY | MINIMUM RESOLUTION |
|----------------|-----------------------------------|----------|--------------------|
| 5 mil Code 39  | 20 mm – 205 mm (0.8 in – 8.1 in)  | Code 39  | 3 mil              |
| 13 mil UPC     | 18 mm – 400 mm (0.7 in – 15.8 in) | PDF417   | 4 mil              |
| 6.7 mil PDF417 | 15 mm – 185 mm (0.6 in – 7.3 in)  | QR       | 6 mil              |
| 10 mil DM**    | 10 mm – 165 mm (0.4 in – 6.5 in)  | DM       | 5 mil              |
| 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)

1. For a complete listing of all supported  
barcode symbologies, please visit  
[www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

2. For a complete listing of all compliance  
approvals and certifications, please visit  
[www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

## For more information

[automation.honeywell.com](http://automation.honeywell.com)

## Honeywell Industrial Automation

855 South Mint Street

Charlotte, NC 28202

800-582-4263

[www.honeywell.com](http://www.honeywell.com)

Voyager is a trademark or registered trademark of Honeywell International Inc.

Bluetooth is a trademark or registered trademark of Bluetooth SG, Inc.  
All other trademarks are the property of their respective owners.

Voyager XP 1472g Data Sheet A4 | Rev I | 03/25  
© 2025 Honeywell International Inc.

**Honeywell**