HH492

High-Performance Wireless Scanner

Designed for business environment requiring a fast 1D /2D scanning solution with industrial grade durability, HH492 series delivers optimal scanning capabilities on traditional barcodes, digital screens, and damaged or difficult-to-read barcodes.

As Honeywell's new-generation 2D image wireless scanner, HH492 integrates GEN7 platform and 1472 module to decode all standard 1D/2D barcodes. The base allows for data transmission through the BLE module while also charging the device. These key features make the HH492 a valuable asset in inventory management in government departments, distribution centers express delivery outlets, retail, where fast barcode scanning and identification are required.

DESCRIPTION

The Honeywell HH492 makes scanning easier and faster helping users quickly obtain data and minimizing input errors, which allows for increased productivity and simplified workflow.

The robust HH492 has excellent reading performance and can easily read poorly printed and damaged barcodes which helps to reduce the risk of errors and improve operating efficiency.

FEATURES AND BENEFITS

Highlyaccurate 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.

Excellentflexibility and commonality for different customerrequirements and variousapplication scenarios. Enhancedscanning performance, including product codes, digital codes, screen codes, government and hotel industry data matrixes and dot matrix codes.

AlongerBluetooth® range compared to competitive devicesenables greater operational flexibility for line busting or peak season satellite POS stations.

Equipped with a USB data cable and full accessories to meet different application scenarios and facilitate the use.

Honeywell

HH492 Wireless Scanner Technical Specifications

MECHANICAL

Dimensions(LxW x H): 64mmx 166mmx84mm(2.5inx6.5inx3.3 in)

Charger/Communication Base: 130 mm x 86mmx85mm(5.1inx3.4inx3.3 in)

Scanner Weight: 190g(6.7oz)

Charger/Communication Base: 150g(5.29oz)

ENVIRONMENTAL

Operating Temperature:

Scanner:
Charging:5°C to 40°C(41°F to 104°F)
Non-Charging: -20°Cto50°C (-4°F to 122°F)

Communication Base:
Charging: 5°C to 40°C(41°F to 104°F)
Non-Charging: 0°Cto50°C (32°Fto122°F)

Storage Temperature:

Scanner/Communication Base:
-40°Cto60°C(-40°Fto140°F)

Electrostatic Discharge (ESD) (Scanners and Cradles): ±8kVindirectcouplingplane, ±15kVdirectair

Humidity: 0%to95%relativehumidity, non - condensing

Anti-drop Performance:

Scanner: Withstandsfivedropsfrom 1.5m(4.9ft)toconcretefloor

Communication Base: Withstandstwo dropsfrom1.0m(3.3ft)toconcretefloor

Environmental Sealing: IP40

Light Levels: 0to100,000lux (9,290foot-candles)

SYSTEM ARCHITECTURE

OperatingPower(Charging):
2.5 W(500mA @ 5V USBinput),
5W (1000mA @ 5V Adaptor input)

Standby Power:
Charger/Communication Base:
0.25 W (50mA @ 5V)

Host System Interfaces: USB, HID

SCAN PERFORMANCE

ScanPattern: Area Image (1040 x 720 pixel array) CMOS

Minimum Print Contrast: 25%

Motion Tolerance: 25cm/s (9.8in/s) for 13 mil UPC at optimal focus

Resolution: 4 mil (1D); 6.7 mil (2D)

Scan Angle:

Horizontal: 39.2° nominal

Vertical: 27.4° nominal

Roll, Pitch, Skew: ±180°, ±65°, ±65

Barcode Types: Reads standard 1D, PDF, 2D, and DotCode symbologies

Note: Decodecapabilitiesdependenton configuration.

WIRELESS

Radio/Range: 2.4 GHz to 2.5 GHz (ISM Band) Adaptive Frequency Hopping Bluetooth v5.2 30 m (98 ft) line of sight with Honeywell charger/communication base

Power Options*:

Battery: 2730mAh Li-ion

Number of Scans: Up to 50,000 scans per charge

Expected Duration of Operation: 12 hours

Expected Charge Time: 4 hours

User Indicators: Good Decode LEDs, Rear View LEDs, Beeper (adjustable tone and volume), Charge Status Indicator

*Batterylifedependsonusageandotherfactors

WARRANTY

3-yearfactorywarranty

DEPTH OF FIELD

TYPICAL PERFORMANCE**	STANDARD RANGE (SR)
5 mil Code 39	25 mm to 200 mm (1.0 in to 7.9 in)
13 mil UPC	15 mm to 400 mm (0.6 in to 15.8 in)
6.7 mil PDF417	15 mm to 160 mm (0.6 in to 6.3 in)
10 mil DM	15 mm to 155 mm (0.6 in to 6.1 in) 5
20 mil QR	mm to 300 mm (0.2 in to 11.8 in)

**Performance may be impacted by barcode quality and environmental conditions.

Honeywell