



GENERAL PURPOSE HANDHELD

# HH492 Handheld 2D Area-Imaging Performance Scanner

HH492 is designed for business environment requiring fast scanning solution with industrial grade durability, delivering optimal scanning capabilities.

## Overview



Feedback

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.

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.

## Specifications

### DIMENSIONS

#### Overall Dimensions

- Charger/Communication Base: 130 mm x 86 mm x 85 mm (5.1 in x 3.4 in x 3.3 in)
- Dimensions (L x W x H): 64 mm x 166 mm x 84 mm (2.5 in x 6.5 in x 3.3 in)

### SCANNING SPECIFICATIONS

#### Scanning Range

- Max: 400mm for 13 mil UPC

- Min: 5mm for 20 mil QR

Number of Scans

- Up to 50,000 scans per charge

Scan Pattern

- Area Imager CMOS (1040 x 720 pixel array)

Motion Tolerance

- 25cm/s (9.8in/s) for 13 mil UPC at optimal focus

Decode Capability

- 1D
- 2D
- DotCode
- PDF

Depth of Field

- Up to 400mm for 13 mil UPC

NETWORK

Bluetooth Specifications

- 5.0

Bluetooth

- Yes

HARDWARE

Wireless

- Yes

Engine Type

- Area Imager Scanning

Host System Interface

- HID
- USB

Aimer Type

- Area Imager

ELECTRICAL

Battery Types

- Li-Ion

ENVIRONMENTAL

Storage Temperature Range

- Scanner/Communication Base: -40°C to 60°C (-40°F to 140°F)

Operating Humidity

- 0% to 95% relative humidity

STANDARDS & APPROVALS

Drop Specifications

- Communication Base: 1.0m (3.3ft) concrete floor
- Scanner: 1.5m (4.9ft) concrete floor

Protection Ratings

- IP40

OTHERS

Form Factor

- Charger/Communication Base: 130 mm x 86 mm x 85 mm (5.1 in x 3.4 in x 3.3 in)
- Dimensions (L x W x H): 64 mm x 166 mm x 84 mm (2.5 in x 6.5 in x 3.3 in)

For Use With

- Charge and Communication base
- USB Dongle

Application

- Manufacturing
- Retail
- T&L

Battery Capacity

- 2730 mAh

Operating Power

- 2.5 W (500mA @ 5V USB input)
- 5W (1000mA @ 5V Adaptor input)

Operating Temperature

- Communication Base: Charging: 5°C to 40°C (41°F to 104°F) Non-Charging: 0°C to 50°C (32°F to 122°F)
- Scanner: Charging: 5°C to 40°C (41°F to 104°F) Non-Charging: -20°C to 50°C (-4°F to 122°F)

Warranty Duration

- 3 years

Power Connector Type

- Charge and Communication base
- USB Dongle