

HONEYWELL IH40

Handheld RFID Reader

Today retailers, supply chain and transportation & logistics managers are under intense pressure to closely track and manage inventory and shipments to ensure the right material is in the right place at the right time.

Stores with inaccurate inventory can experience frequent out-of-stocks, lost sales and poor customer service, thereby negatively impacting customer loyalty. Compensating with excess safety stock can lead to markdowns, resulting in lower overall profit margins. An imprecise inventory count also hampers the ability to offer omnichannel experience.

Most organizations that use manual or barcode workflows for inventory do so infrequently because these methods are time consuming and labor intensive.

T&L workers can instantly capture the information of incoming shipments and identify the right destination dock through IH40; any exceptions can be handled instantly. With Tag Finder mode, the IH40 can easily pinpoint the location of a specific package, pallet or box. When a truck arrives with an incoming shipment, a dock worker can quickly identify which pallet(s) need to be removed.

The new Honeywell IH40 RFID reader, combined with RFID tagging, offers an easier solution to keep track of high moving inventory with less effort. Retailers can count inventory in the store and warehouse 25 times faster than with barcodes, often in a matter of a few hours, enabling more frequent inventory updates and closer management of inventory levels. Easy to use and ergonomically balanced, when paired with a Honeywell mobile computer, the IH40 offers fast, accurate UHF RFID inventory capture and convenient, integrated 1D/2D barcode capability.

IH40 has features like tool less battery change without having to remove mobile device, direct USB connection to mobile device and multiple charging options.



The Honeywell IH40 handheld RFID reader enables fast and accurate UHF RFID inventory capture for retail, T&L and supply chain inventory application.

FEATURES AND BENEFITS



EFFICIENCY

High tag read rate increases efficiency and reduces costs.



EASY TO CHARGE

Single charging station for Reader and Computer makes it easy and faster to charge.



DESIGN

Demonstrated ergonomic and balanced design enables comfortable, all-day use.



PRODUCTIVITY

Exceptional read range, increases productivity and decreases manual effort.



BATTERY LIFE

Easy to remove and insert new battery.

IH40 Handheld RFID Reader Technical Specifications

RFID

Standards: EPC Class 1 Gen2, ISO 18000-6c, ISO 18000-63

Antenna: Circular Polarized

Filed: 120° forward-facing

Frequency Ranges:

EU: 865-868 MHz

US: 902-928 MHz

Normal Read Range: 6m(20ft)

Normal Write Range: 3m(10ft)

COMMUNICATIONS

Bluetooth:

V.5.0

DIS Profile, BAS Profile

BLE

Bluetooth Pairing:

Simple Secure Pairing

Direction Connection:

Devices connect directly through USB to mobile device

POWER

Rechargeable 3.8V Lithium Polymer 4000mAh battery, removable without tools and without removing the mobile device

INDUSTRY STANDARDS

Industry Standard EPC Global Class 1 Gen 2

CHARGING

Includes 4,000 mAh removable battery. IH40 charges with all CT40 charge docks with non-booted cup, or booted cup with adapter sleeve. including Universal Dock family.

IH40 and other computers, if attached, charge simultaneously.

Spare batteries can be charged separately using EDA51 battery chargers.

PHYSICAL CHARACTERISTICS

Dimension: Without Mobile Computer 190*79*154 mm

Weight: 433g without Mobile Computer

Notifications: 4 LEDs and buzzer

ENVIRONMENTAL

Operating Temperature: -10° to 40°

Charging Temperature: 0° to 40°

Storage Temperature: -20° to 60°

Humidity: 5-95% non-condensing

Drop spec: Multiple 4ft/1.2m drops to concrete (0°-40°)

Tumble spec: 1000 tumbles at 1.6ft/0.5m

Sealing: IP54

Electrostatic Discharge:

+/-15Kdc air discharge

+/-8kVdc contact discharge

COMPATIBLE COMPUTERS

Compatible Models: CT40 (booted and non booted), EDA51/K, CT60/XP, CT45/XP

SOFTWARE

Demo Apps: Download from www.honeywellaidc.com

APK on Android

SDK and technical document

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

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For more information

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