

IH45

Handheld RFID Reader

Today retailers, supply chain and transportation and 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.

Transportation and logistics workers can instantly capture the information of incoming shipments and identify the right destination dock through IH45; any exceptions can be handled instantly. With Tag Finder mode, the IH45 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 IH45 RFID reader, combined with RFID tagging, offers an easier solution to keep track of high moving inventory with less effort. Easy to use and ergonomically balanced, when paired with a Honeywell mobile computer, the IH45 offers fast, accurate UHF RFID inventory capture and convenient, integrated 1D/2D barcode capability.

IH45 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 IH45 handheld RFID reader enables fast and accurate UHF RFID inventory capture for retail, transportation and logistics, and supply chain inventory application.

FEATURES AND BENEFITS



High tag read rate increases efficiency and reduces costs.



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



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



Enhanced read range, increases productivity and decreases manual effort.



Easy to remove and insert new battery.

IH45 Handheld RFID Reader Technical Specifications

RFID

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

Antenna: Circular polarized

Field: 120° forward-facing

Frequency Ranges:

EU: 865 MHz to 868 MHz

US: 902 MHz to 928 MHz

Normal Read Range: 6 m (20 ft)

Normal Write Range: 3 m (10 ft)

COMMUNICATIONS

Bluetooth®:
V.5.0

DIS Profile, BAS Profile BLE

Bluetooth Pairing: Simple Secure Pairing
NFC tag is intergraded for Bluetooth 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. IH45 charges with all CT40 charge docks with non-booted cup, or booted cup with adapter sleeve. including universal dock family.

IH45 and other computers, if attached, charge simultaneously.

Spare batteries can be charged separately using EDA51 battery chargers.

MECHANICAL

Dimensions:

190 mm x 79 mm x 154 mm
(7.5 in x 3.1 in x 6.1 in)
without mobile computer

Weight:

450 g (0.99 lb)
without mobile computer

Notifications: 4 LEDs and beeper

ENVIRONMENTAL

Operating Temperature: -10° to 40°

Charging Temperature: 0° to 40°

Storage Temperature: -20° to 60°

Humidity: 5 % to 95 % non-condensing

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

Tumble:
1000 tumbles at 0.5 m (1.6 ft)

Sealing: IP54

Electrostatic Discharge:

±15Kdc air discharge
±8kVdc contact discharge

COMPATIBLE COMPUTERS

Compatible Models: CT30 XP, CT40/XP, CT45/XP, CT47, CT60/XP, EDA51/K, EDA52, EDA56, EDA57

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.honeywell.com/PSScompliance

For a complete listing of all supported barcode symbologies, please visit www.honeywell.com/PSS-symbologies

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For more information

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