



Honeywell IH45: Fast RFID reader for warehouses, shipping and sales areas

High read rates for fast and accurate RFID detection

Captures many RFID tags in a short time – ideal for goods receipt, stock control and dispatch.

RFID and barcode in one workflow

RFID for mass recording, barcodes for individual checks – without media discontinuity in your processes.

Wide selection of compatible Honeywell mobile computers

For different applications – from warehouses to sales areas. Direct connection via USB or quick pairing via NFC tag for Bluetooth.

Ergonomic and secure in the hand

Balanced design for long periods of use – comfortable even during inventory rounds or at the dock.

Large, replaceable battery and easy charging

Simultaneous charging for readers and mobile computers – easily replaceable battery for uninterrupted operation.

Features

RFID: UHF (EPC Class 1 Gen2, ISO 18000-6C, ISO 18000-63), up to 6 m

Barcodes: with compatible Honeywell mobile computer

Communication with mobile computer: USB, Bluetooth (pairing via NFC tag)

Battery: 4,000 mAh, replaceable without removing the mobile computer

Protection: IP54, drop-proof up to 1.2 m onto concrete

Operating temperature: -10 °C to 40 °C

Dimensions (W x L x H): 190 x 79 x 154 mm

Weight: 450 g

Optional accessories

Mounts for various Honeywell mobile computers

Spare battery

Hand strap

Charging stations

Adapter for charging stations

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:

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