IH25

Handheld UHF RFID Reader

For different operations executives in retail, warehouse and DC, who wish to improve efficiency but are limited by the capabilities of their current systems, IH25 is an enterprise-class UHF RFID reader with compatible handheld computers to provide reliable and secure management of corporate data, and wireless communications. Unlike consumer level devices, IH25 offers a long availability cycle and key features (scanning, battery, rugged specs) designed for tag capture use cases.

The Honeywell IH25 handheld RFID reader is paired with Honeywell high performance computer to provide best-in-class UHF RFID and 1D/2D bar code scanning technology. This perfect combination is a complete solution for retail, inventory management and other workflows, which improve productivity, operational efficiency and quality of service. We believe that with this powerful RFID reader, Honeywell will help customer to meet the expectations – fewer employees and resources but more productivity and flexibility, streamline the process and increase efficiency.

The IH25 unit is built in a powerful RFID reader module, the ability to connect to mobile computer via Bluetooth.

- Better Reading / Writing Range with powerful chipset
- PDA & Scan Handle charging simultaneously
- Multi tags read especially for retail application
- User friendly design

Computer models support including CT40, ScanPal EDA51 and no limitation for future models extension.

- High RFID performance as:
    - o   Long Read/Write range
    - o   Fast read rate
    - o   High reliability
- Reliable communication including Bluetooth
- Removable, rechargeable battery for long time uses
- Homebase dual charging for RFID reader and mobile computer
- Strong drop and tumble spec for protection
- Support integration with the 3rd party system by SDK

FEATURES AND BENEFITS

Standard	Design	Productivity	Easy for Operation	Connection
Industry Standard EPC Global Class 1 Gen 2	Lightweight and HUE design makes IH25 easy to use	Powerful RFID read module built-in with versatile antenna design enable fast read & write	Multiple charging modes make IH25 easy for uses and maintenance, Homebase, Quad Base and USB cable	Quick Bluetooth pairing between mobile computer and IH25 by scanning barcode

Honeywell

RFID

Standards: EPC Class 1 Gen2
Antenna: Circular Polarized
Field: 120° forward-facing
Frequency Ranges:
   EU: 865-868 MHz
   US: 902-928 MHz
Nominal Read Range : 6 m (20 ft)
Nominal Write Range: 3 m (10 ft)

COMMUNICATIONS

Bluetooth:
   V.5.0
   DIS Profile, BAS Profile
   BLE
Bluetooth Pairing: Simple Secure Pairing

POWER

Removable, rechargeable3.8V Lithium Polymer 4000mAH

CHARGING

EDA51 Homebase Charging for Battery, PDA and RFID reader simultaneously, Quad Base for multi RFID readers charging, USB cable charging

PHYSICAL CHARACTERISTICS

Dimensions:
   Without Mobile Computer
   185*77.8*147mm
Weight: 430g without Mobile Computer
Notifications: 4 LEDs and buzzer

ENVIRONMENTAL

Operating Temperature: -10°C to 40°C
Charging Temperature: 0°C to 45°C
Storage Temperature: -20°C to +60°C
Humidity: 5-95% non condensing
Drop spec: Multiple 4ft/1.2m drops to concrete at room temperature
Tumble spec: 1000 tumbles at 1.6ft/0.5m
Sealing: IP54
Electrostatic Discharge:
+/-15kV air discharge
+/-8kV contact discharge

COMPATIBLE COMPUTERS

Models: Dolphin CT40, ScanPal EDA51

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.

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

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For more information
www.honeywellaidc.com

Honeywell Safety and Productivity Solutions
9680 Old Bailes Road
Fort Mill, SC 29707
800-537-6945
www.honeywell.com

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