

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

Industry Standard EPC
Global Class 1 Gen 2



Design

Lightweight and
HUE design makes
IH25 easy to use



Productivity

Powerful RFID read
module built-in with
versatile antenna
design enable
fast read & write



Easy for Operation

Multiple charging
modes make IH25
easy for uses and
maintenance,
Homebase, Quad
Base and USB cable



Connection

Quick Bluetooth
pairing between mobile
computer and IH25
by scanning barcode

IH25 Technical Specifications

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, rechargeable 3.8V 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.

ScanPal is a trademark or registered trademark of Honeywell International Inc.

Bluetooth is a trademark or registered trademark of Bluetooth SIG, Inc.

All other trademarks are the property of their respective owners.

For more information

www.honeywellaidc.com

Honeywell Safety and Productivity Solutions

9680 Old Baires Road

Fort Mill, SC 29707

800-537-6945

www.honeywell.com

IH25 Data Sheet | Rev A | 11/19
© 2019 Honeywell International Inc.

**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell