

IH21

Handled UHF RFID Reader

IH21 は Honeywell 製業務端末 (PDA) に装着可能な UHF 帯 RFID リーダーです。

広角 150° の読取り範囲ながら、6m 先まで読取りが可能です。(タグ書込は 3m まで)

軽量・エルゴノミックデザインにより小売業や倉庫内業務に最適です。広角アンテナにより読取エリアに入ったタグを瞬時に読取り、バーコードを用いた棚卸しに比べ最大 20 倍の速さで行えます。

IH21 は Honeywell 業務端末 (PDA) は Dolphin 75e, Dolphin CT40, CT50, CT60, Scanpal EDA50 と装着可能です。



IH21 は Honeywell 業務端末 (PDA) に装着可能な手持ち式 RFID リーダーです。ハイパフォーマンスの読取り性能と軽量化を実現しました。

FEATURES & BENEFITS



EPC Global Class 1 Gen 2 に対応。RAIN RFID 準拠



軽量・エルゴノミックデザインにより、疲れにくい設計



高性能アンテナにより、高速タグ読取りが可能



装着する業務端末と IH21 の同時充電が可能

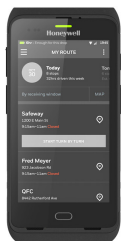


セキュア通信により、IH21 と業務端末の接続を保護

Compatible



Dolphin CT60



Dolphin CT40



Scanpal EDA50



Dolphin 75e

IH21 Technical Specifications

RFID

Standards: EPC Global Class 1 Gen 2
Antenna: Right hand circular polarized
Field: 150° 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)
Output Power: 10 mW – 1 W, 10 dBm – 30 dBm

COMMUNICATIONS

Bluetooth:

V4.2, +12 dBm
SPP Profile, HID Profile, iAP2
Bluetooth Classic and Low Energy (BLE)

Bluetooth Range: 10 m (32 ft)

Bluetooth Pairing: PIN, Simple Secure Pairing, NFC OOB Pairing

USB: Communicates with select mobile computers via ePop-Loq® case

POWER

Battery Pack: Removable, rechargeable 4.2 V Lithium Polymer 2200 mAh, 8.4 watt hours

CHARGING

Charge Base: IH21-CB-1 provides dual charging of the IH21 RFID reader and connected mobile computer

PHYSICAL CHARACTERISTICS

Dimensions:

Without Mobile Computer or ePop-Loq Adapter: 16 cm x 7.7 cm x 17.5 cm (6.3 in x 3 in x 6.9 in)

With Dolphin 75e Mobile Computer and ePop-Loq Adapter: 16.37 cm x 7.62 cm x 19.69 cm (6.43 in x 3.00 in x 7.75 in)

With Dolphin CT50/60 Mobile Computer and ePop-Loq Adapter: 17.46 cm x 8.89 cm x 17.46 cm (6.87 in x 3.5 in x 6.87 in)

Weight:

Without Mobile Computer or ePop-Loq Adapter: 365 g (12.8 oz)
With Dolphin 75e Mobile Computer (Standard Battery) and ePop-Loq Adapter: 569 g (20.1 oz)
With Dolphin 75e Mobile Computer (Extended Battery) and ePop-Loq Adapter: 609.5 g (21.5 oz)
With Dolphin CT50/60 Mobile Computer and ePop-Loq Adapter: 707 g (24.9 oz)

ENVIRONMENTAL

Operating Temperature: -10°C to 40°C (-4°F to 140°F)
Charging Temperature: 5°C to 40°C (41°F to 104°F)
Storage Temperature:
Less than 1 month at -20°C to +45°C (-4°F to 113°F)
Less than 6 months at -20°C to +35°C (-4°F to 95°F)

Relative Humidity: 5% to 85% non-condensing

Drop Spec:

Multiple 1.2 m (4 ft) drops to concrete at ambient temperature; 0.9 m (3 ft) drops across the temperature range

Tumble: 500 tumbles at 0.5 m (1.6 ft) at ambient temperature

Environmental Sealing: IP54

Electrostatic Discharge:

±15 kVdc air discharge
±8 cVdc contact discharge

MIL-STD 810F: Meets and exceeds applicable MIL-STD-810F for drop, tumble, and sealing

MEMORY

Optional Flash Memory Card: Up to 32 GB Micro SD/SDHC

Compatible Handheld Computers

Computer Models: Dolphin 75e, Dolphin CT50, Dolphin CT60, ScanPal EDA50

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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