RH768
Get in control!

While the RFID market and variety of RFID solutions keep on rising, Unitech offers you the best UHF reading/writing device possible: RH768. Optimize your business processes, increase accuracy in your information flow and transparency of operations as of today with this unique device.

Quality UHF RFID device
The RH768 offers users a high reading performance in terms of accuracy, flexibility and distance. Read RFID tags up to 4.2M (depending on frequency and application) requiring no line-of-sight between the reader and the tag. Because barcodes and RFID tags are frequently being used side by side the RH768 features a 1D barcode reader next to a RFID reader for great user flexibility. As all Unitech devices the RH768 belongs to the category: rugged. A 1.2m drop spec and IP54 rating against moisture and dust provides the resistance which is needed in industrial surroundings like warehouses.

High easy-handling level
Being a well-balanced RFID reader, the RH768 offers a very high easy-handling level. The main weight of the device is ergonomically spread over the complete device, which makes it far more convenient than other RFID readers. The gun grip of the RH768 contains a second battery to secure double operation time, up to 12 hours. With the RH768 you can scan RFID tags for accurate stock control, asset management or replenishment whole day long and increase the satisfaction of your customer as well as of your employees.

Features

- Well-balanced design for easy handling the whole day
- Second main battery in gun grip
- Supports multiple location frequency bands (US, EU, JP)
- Contains both UHF RFID reader/writer and 1D barcode scanner
- All latest communication technology: BT, Wi-Fi, UMTS, 3.5G
- Tag support: EPCgobal® C1G2 (ISO1800-6C)
- 1.2M drop spec & IP54 environmental sealing

Windows Mobile   SUMMIT DATA COMMUNICATIONS

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RH768
Specifications

Operation System

CPU	Marvell PXA320 806MHz
Memory	Mobile DDR: 256MB
	NaND Flash: 512MB
OS	Windows Embedded handheld 6.5 Professional/Classic

Display

480x640 VGA, Color LCD, with Touch Screen & backlight

Keypad

Modularized keypad   22-Key in default package,
43 keys keypad is optional
(Numeric and alpha key)

Image Device

Camera	5.0 Mega Pixels Auto Focus
Flash light	60 Lux (30cm)

Symbologies

1D Barcode Engine

UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCI, Code
93,Code 32, Interleaved & Std. 2 of 5,
EAN 128, Code 11, Delta, MSI/Plessey,Code 128, Toshiba

UHF RFID reader

Frequency	
US	902~928MHz
EU	865~868MHz
JP	952~954MHz
Power Output	1W
Antenna	Patch Antenna
Reading Distance	Up to 4.2M depends on frequency and applicaton
Tag Support	EPC C1G2,ISO 1800-6C

Indicator

LEDs, Vibrator

Audio

MIC, Speaker, Headset Connector, Receiver

Power Source

Main Battery	7.4V 1950mAH 13.91Wh
Second Battery	(in pistol grip) 7.4V 2000 mAH 14.8Wh
Operation Hours	Up to 12 Hours

Communication

USB	1.1 Host & Client
WLAN	IEEE 802.11b/g, (CCX4 certified)
PAN	Bluetooth 2.1 + EDR
WWAN (Optional)	3.5G Five-bands ,GSM/GPRS 850Mhz , 900MhZ , 1800Mhz and 1900Mhz ,UMTS WCDMA/HSDPA 50Mhz,1900Mhz , 2100Mhz / GPRS Edge
GPS (Optional)	Sirf star III Chipset, Supporting InstantFix™

Enclosure

Weight	870g (without main battery)
Dimension	Approximately 182 X 88 X 169 mm (Antenna length excluded)

Environmental

Operating temperature	14°F to 122°F (-10°C to 50°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Relative Humidity	5% ~ 95% (non-condensing)
Drop Specification	1.2m (4 feet)
Sealing	IP54

Software

Microsoft Mobile 6.5 SDK
Mobile SIP (VOIP)
Auto Installer

Accessories

Desktop USB Cradle
Desktop Ethernet Cradle
USB communication and charging cable
AC adaptor (with regional power cord)
Battery charger
4-slot Multi-Bay Ethernet Cradle

Regulatory Approvals

CE,FCC,NCC,TELEC,CCC, RoHS Compliance

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Global Operation

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