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

unitech
because we care

unitech
because we care

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 1880mAH 13.91Wh
Second Battery	(in pistol grip) 7.4V 2600 mAH 19.24Wh
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

Unitech electronics co., ltd. / www.ute.com / marketing@tw.ute.com

Global Operation

Unitech America | Unitech Asia Pacific | Untiech China | Unitech Europe | Unitech Japan | Unitech Taiwan

Specifications subject to change without notice. Copyright 2012 Unitech Electronics Co., Ltd. All rights reserved. Unitech is a registered trademark of Unitech Electronics Co., Ltd.
All products and company names are trademarks, service marks, or registered trademarks of their respective owners.

10/12 REV. B

Solutions for Automatic Identification, Barcodes and Mobility

More than 3000 customers in 15 countries • More than 12,000 products in stock

www.logiscenter.com
902 050 030

www.logiscenter.it
02 479 216 97

www.logiscenter.de
info@logiscenter.de

www.logiscenter.pt
308 800 842

About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the befenits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permament stock of more than 12,000 products.

Same-day shipping. For all orders placed and confirmed before 16:00 on working days.

Best prices. With Logiscenter, you can be sure that you are paying a fair price for your products we will not overcharge you.

Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.

Our Brands

MOTOROLA
ZEBRA TECHNOLOGIES
Intermec
Honeywell
DATALOGIC
datamax·o'neil
Metrologic
LXE
EPSON
elo
star
unitech
PRINTRONIX
symbol

Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health

Label printers

Barcode readers

Data terminals & PDA

PVC card printers

RFID

Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

GRUPO LOGISCENTER, S.L. - The Barcode Solutions Center
Av. Puente Cultural 10-A • 28702 San Sebastián de los Reyes - MADRID (Spain)
CIF ES B85538601 • info@logiscenter.com • www.logiscenter.com