



Ha-VIS RFID Handheld RF-M3000 mobile UHF RFID Reader

Advantages

- Robust
- Flexible
- For industrial applications

General Description

The Ha-VIS RF-M3000 is a powerful mobile RFID Reader, approved acc. to ETSI, FCC und IC.

Properties:

- Highly sensitive receiver for extended reading range
- Robuste housing
- High protection class IP 65
- WLAN, Bluetooth and RFID in one handheld
- Large, very bright display
- Very long battery life (> 8 h)
- Highly modular

| Identification | Part number | Drawing | Dimensions in mm |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------|------------------|
| Ha-VIS RFID Handheld RF-M3000 standard configuration: <ul style="list-style-type: none"> • WLAN • Bluetooth • large keyboard • no barcode scanner | 20 91 211 1011 | | |
| Ha-VIS RFID Handheld RF-M3001 additional to Ha-VIS RF-M3000 with: <ul style="list-style-type: none"> • 1D Laser Scanner | 20 91 211 1111 | | |
| Ha-VIS RFID Handheld RF-M3002 additional to Ha-VIS RF-M3000 with: <ul style="list-style-type: none"> • 2D Imager | 20 91 211 1311 | | |
| Optional: <ul style="list-style-type: none"> • GPS • small keyboard • GPRS • 3G HSDPA | on request | | |
| Recommended accessories: <ul style="list-style-type: none"> High capacity battery Docking Station Desktop Docking Station Quad | 20 93 405 0101 20 93 305 0101 20 93 305 0102 | | |

All data represent the current state of development at the time of print and are therefore non-binding.

HARTING reserves the right to modify designs without prior notice.

Technical characteristics

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|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor and memory | PXA270 624 MHz Processor 1 GB FLASH ROM 256 MB RAM |
| Operating system | Windows(R) CE 5 |
| Wireless communication | WLAN 802.11 b/g Compact Flash Bluetooth ® Class II, V 2.0 + EDR |
| Barcode scanner | 1D Laser Scanner Long Range or 2D Area Imager Optional pistol grip |
| RFID module | UHF module Frequency 868 MHz or 915 MHz Tag supported: EPC Class 1 Gen 2; other protocols on request Reading-Writing distance up to 250 cm |
| External connections | Tether-Port for RS 232 and USB On-The-Go (USB 1.1) Docking-connector DC power jack |
| User interface | VGA colour touchscreen 3,6", resolution 480x640, TFT Sunlight readable (for outdoor use), LED backlight Touch screen pencil (stylus) or finger operation Keyboard (alphanumeric ABCDEF); alternatives on request Audio: 90 dB speaker, microfon, beeper |
| Programming environment | HTML, XML Mobile Devices SDK .NET and C++ via Microsoft Visual Studio® 2005 Java programming support JDK 1.2. or higher Standard Protocol APIs Windows sockets (CE.net) |
| Expansion slots | SD/MMC memory card slot 100-pin Expansion interface supports PCMCIA (Type II), GPRS/EDGE One Type II CF card slot |
| Power management | 4400 mAh High capacity Accu (3,7 V) Advanced Smart Battery System Built-in Charger |
| Environmental | Withstands several drops from 1,8 m to polished concrete while powered on and configured with accessories Rain/Dust: IP 65, IEC 60 629 Operating temperature: -20 °C ... +50 °C Storage temperature: -40 °C ... +60 °C Relative humidity: 5 % ... 95 % (non-condensing) ESD +/- 8 kV DC air discharge; +/- 4 kV DC contact |
| Dimensions (W x H x D) | 223 mm x 75/100 mm x 31/42 mm |
| Approvals | Safety CSA/UL60950-1, IEC 60950-1, EN 60950-1 EMC FCC Part15 Class B EN 55022; EN 55024; EN 301 489 Laser IEC 60825-1, Class 2 FDA 21 CFR 1040.10, 1040.11 Class II Bluetooth 1.2 In-vehicle cradle: e Mark |

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