Mobile Terminal M3 Orange
UHF GUN

The Mobile RFID Terminal M3 Orange UHF GUN has been designed to provide Long-Range Reading for UHF ISO18000-6 C tags and labels. This terminal has an outstanding reading performance with distances of up to 10 m.

Thanks to the module based architecture, the terminal can be easily removed from the actual RFID Pistol Grip. This enables the user to work with a combined device which includes the M3 Mobile Terminal and the UHF RFID pistol grip or just with the M3 Orange Mobile Terminal. The integrated 5,200 mAh battery of the pistol grip and the standard 3,300 mAh battery of the M3 Orange guarantee a high autonomy for a wide range of applications.

This combination provides an unmatched performance in extreme environments through a large range of standard communication options such as the integrated USB or the options like Bluetooth, Wi-Fi 802.11b/g and the HSDPA communication capability.

In combination with the available 1D Laser scanner or 2D Barcode imager or, the package can cover perfectly logistic, asset tracking or distribution applications.

Applications:

- **Logistics**
- **Distribution**
- **Asset Tracking**
- **Identification**

Features

- UHF RFID: ETSI (865-868 MHz) & FCC (902-928 MHz)
- Supports ISO18000-6 C (incl. EPC C1G2)
- Up to 10 m reading distance
- Lightweight / High mobility
- Windows Mobile 6.5
- 5,200 + 3,300 mAh battery ➔ Very high autonomy
- Interface Options such as HSDPA or Wi-Fi 802.11 b/g
- Barcode Options for 1D or 2D Barcode Applications
- Position tracking via GPS
- Wide range of accessories (e.g. Vehicle Cradle or 4 Slot Desktop Cradle)

Technical Data – UHF GUN M3 Mobile

Mechanical Specifications

Housing-Material:	ABS
Dimensions:	193 × 38 × 177
Weight:	470 g
Protection Class:	IP54
Drop Test:	1.20 m (26 drops tested)

Electrical Specifications

Battery:	Lithium-ion 3.7 V, 5,200 mAh (Rechargeable)
Operating Frequencies:	UHF RFID FCC (902-928 MHz) & ETSI (865-868 MHz)
Output Power:	+27 dBm (SW adjustable)
Operating Distance:	Up to 10 m

Features

Supported Transponders:	ISO18000-6C, EPC Class 1 Gen 2
Status Display:	3 LEDs (Battery Status, Charging Status, Connection Status)
Control:	Scanning Button, Sliding Button for switching between RFID and Barcode

Environmental Conditions

Operating Temperature:	-20 °C to +60 °C
Humidity:	5 % to 95 %