M3 RFID GUN
UHF Gun Reader

Key Features

Scanner / RFID compatible toggle switch

Rechargeable / Replaceable battery

Compatible with M3 ORANGE + and M3 ORANGE S
(will be developed for other M3 devices)

Scanner (1D Laser, 2D Imager), RFID convenient to use

Applications

Manufacturing   Retail   Logistics

Public   Construction   Finance

Detail View

Specification

Model	M3 RFID GUN
Frequency	860 MHz - 960 MHz
PDA Interface	USB 1.1 (Client)
Protocol	ISO/IEC 18000-6 Type C (EPC Global Class 1 Gen 2)
Reading Range	0 m - 5 m (depends on tag and environment)
Writing Range	0 m - 2.5 m (50% of reading range)
Features	Anti Collision, RF Power Control (Max. 1 W)
Battery	Li-ion 3.7V, 5,200 mAh (rechargable, replaceable)
Drop	1.5m (Drop to concrete surface 2 times per side (12 drops))
Dimension	193 mm (L) x 83 mm (W) x 177 mm (H)
Weight	500 g
Compatible PDA	M3 ORANGE + and M3 ORANGE S (will be developed for other M3 devices)

* RFID GUN cannot be used if the battery is depleted.
  PDA' s battery cannot be used to operate the RFID GUN .
  Please check the RFID GUN' s battery level using the LED battery indicator frequently.
* The contents of this brochure were written based on the "current state" of the product,
  and the details are subject to change without the prior notice.

Detailed features

Faster, easier and more accurate way to collect data!

Radio Frequency Identification (RFID) is widely used in many industries due to its advatages over existing barcode systems. RFID allows users to read and write data as well as reading multiple tag (data) at once. This feature of RFID makes data collection **faster and easier**. To satisfy the increasing demand for more powerful RFID device's, M3's UHF GUN is equipped with **900MHz with external antenna** for a more **powerful performance**.

M3 RFID GUN can maximize the work efficiency where long range multiple UHF tag reading and barcode scanning is required.

Powerul External Antenna
Reading distance up to 5m in real work environment

External antenna overcomes limits of internal antenna by maximizing its efficiency and reading distance - can reach as far as 5 meters.

Compatibility with M3 devices
M3 ORANGE+ (WEH6.5, CE6.0) and M3 ORANGE S

Simple insertion of PDA to M3 RFID GUN will connect the PDA with UHF.
It can also allow use of both operating systems (WEH6.5 and CE6.0)
* M3 RFID GUN for other M3 devices will be available in the future.

Switch between Scanner and RFID
Toggle switch to activate or deactivate RFID

In many environments, both barcode scan and RFID scan is simultaneously used.
Simple slide of switch allows simultaneous scanning of barcodes and RFID tags.

Rechargeable and Removable battery
Long lasting working hours

Independent battery on gun reader makes it suitable for long hour work shifts. Also, removable battery structure can expand working hours even more.
* Battery charging dock is sold separately

Useful LED notifications
Charging LED / RFID read LED / Battery LED

LEDs will light or blink to inform the user about its status.