

PM85/RF851

Industry Mobile UHF Reader



- EPC Global UHF Class 1 Gen 2 V2 / ISO 18000-63
- Qualcomm Snapdragon @ 1.8GHz Octa-core
- 3GB / 32GB or 4GB / 64GB (Optional)
- 5.0", IPS panel (1080 x 1920 pixel) FHD
- 1D/2D barcode symbologies
- LTE, Wi-Fi, Bluetooth



a/b/g/n/ac/
d/h/i/k/r/v



Barcode



IP52

SPECIFICATION

PERFORMANCE SPECIFICATIONS

CPU	Qualcomm Snapdragon @ 1.8GHz Octa-core
OS	Android 8.1 or 9.0 FOTA (Firmware Over The Air) update is available via MS Azure™ Cloud
Memory	3GB / 32GB or 4GB / 64GB (Optional)

PHYSICAL SPECIFICATIONS

Dimension	81.3 x 153.8 x 142.2 mm
Weight	620g
Display	5.0", IPS panel (1080 x 1920 pixel) FHD LED backlight Daylight readable (500 nits typical) Wideviewing angle Multi-touch capacitive Corning Gorilla glass
Power	PM85 (PDA) : 2,900mAh Li-ion rechargeable RF851 : 3,250 mAh 3.6V Li-ion, removable
Power Supply	5V/1.3A via Pogo-Pin of PM85 or 5V/2A Adaptor
Standard Communications	USB Type C, USB to Serial Communication
Notification	Charging LED, Status LED, Connect-Mode, Trigger-Mode LED

* Product specifications and design are subject to change without notice. (Product Development In Process)

WIRELESS COMMUNICATION

WAN for Data Communication	2G : GSM/GPRS/EDGE (850/900/1800/1900) 3G : WCDMA (Band 1/2/4/5/6/8/19) 4G : TD-LTE Band 38/39/40/41, FDD-LTE Band 1/2/3/4/5/7/8/12/13/ 14/17/19/20/28
GPS	GNSS Receiver Support for A-GPS, GLONASS, Galileo, Beidou
WLAN	IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v
Bluetooth	PM85 (PDA) : Integrated Bluetooth Class I, Ver. 5.0, BLE support RF851 : Bluetooth Ver. 4.2 BR/EDR/BLE

USER ENVIRONMENT

Operating temp.	-10°C to 50°C
Storage temp.	-25°C to 70°C
Humidity	95% (non-condensing)
Drop	1.5m to concrete
Sealing	IP52

ACCESSORIES

