

# MOBILE HANDHELD RFID VM-RF906



## Product Specifications

RFID Technical Parameters	
Frequency	902~928MHz (US) 865~868MHz (EU)
Protocol	ISO18000-6C (standard EPC C1G2) Optional: GB29768, GJB7377.1
Chip solution	IMPINJ E710
Output power	0-33dbm adjustable
Read speed	>800 pcs/sec
Read distance	>18m (depending on the tag)
Antenna	4.5dbi
Function	Read/write

Environmental parameters	
Working temperature	-20 ~ +60°C
Storage temperature	-40 ~ +70°C
Humidity	5%RH ~ 95%RH (non-condensing)
Fall-to-ground shock resistance height	Can withstand the impact of falling from a height of 1.2 meters onto a smooth concrete floor multiple times
Protection level	IP65
Static protection	Air discharge ±15KV, contact discharge +8KV

Development Environment	
Operating system	Android 11.0
Processor	Octa-core Cortex-A53, 1.4 GHz
Memory	RAM: 4GB, ROM: 64GB
Extended memory	Micro SD card, up to 128GB

Data Communication	
Wireless WAN	Dual SIM dual standby
Bluetooth	4G full network access, backward compatible with 3G, 2G
WIFI	Bluetooth 4.2+BR/EDR+BLE
Positioning	2.4G/5G dual-band, IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v

Physical parameters	
Overall dimensions	143.3mmx169mm×90.5mm
Machine weight	678g
Display screen	5.7-inch HD (720×1440)
Touch screen	Support multi-touch, glove touch, multi-touch, water operation and passive pen signature
Main battery	3.85V 9000mAh rechargeable lithium battery
Charging time	No more than 7 hours
Audio	1.5W speaker, two microphones (supports noise reduction), earpiece, headset
button	Volume +, - button, power button, PTT button, 2 scan buttons, handle trigger button
Camera	5MP front camera, 13MP rear camera, flash support
sensor	Distance, light sensitivity, acceleration, geomagnetism, gyroscope (optional)
scanning	Professional scanning head, supports scanning mainstream one-dimensional and two-dimensional codes, supports screen scanning
Card slot type	Nano-SIM x 2, Micro SD can support up to 128GB expansion

### Camera

Rear camera	1300W
Front camera	500W
Focus mode	Autofocus, touch selection, face detection
Flash	700mA, flashlight support
Video shooting	1080p front and rear camera video recording

### Wireless communication function

Wifi	Wireless LAN
Protocol	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w protocols (2.4G/5G dual-band WIFI)
Frequency range	2.4G, 5G
Operating channel	CH1~CH13, CH34-CH140, CH149~CH165 (depending on the country (region))
Security	EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS,
Roaming	PEAP-GTC, PWD, SIM, AKA, WEP, WPA/WPA2-PSK, WAPI certificate, WAPI-PSK

### Bluetooth

Standard	Bluetooth parameters
Standard Support Mode	BT4.2 + BR/EDR + BLE
Connection distance	More than 10 meters

### Wireless WAN

Wireless WAN	WAN communication parameters	
Communication mode	Dual SIM dual standby	
Domestic version	China Mobile 4G (TD-LTE) China Unicom 4G (FDD-LTE) China Telecom 4G (FDD-LTE)	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/ B20/B28A/B28B)
	China Unicom 3G (WCDMA)	WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz)
	China Telecom 3G (CDMA2000)	CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)