

# VMRFID-025S

## UHF RFID 2D Wireless Scanner

### Product Specifications

Physical parameters	
<b>Scan mode</b>	Key trigger/auto-sensing/continuous scanning
<b>Communication interface</b>	USB-HID keyboard/USB-COM virtual serial port
<b>Wireless communication distance</b>	Wireless 2.4G: 0-80m (open environment) Bluetooth: 0-20m (open environment)
<b>Prompt method</b>	Buzzer, LED light, vibration motor
<b>Setting method</b>	Manually scan the setting code in sequence
<b>Shell material</b>	ABS+PC
<b>Cable standard</b>	USB straight line 1m
<b>Product size</b>	157×70×112mm
<b>Product weight</b>	198g
<b>Packaging size</b>	195×105×80mm
<b>Gross weight</b>	315g
Electrical parameters	
<b>Input voltage</b>	DC5V±10%
<b>Current</b>	Working: 350 mA; Standby: 130 mA

Physical parameters	
<b>Internal storage</b>	500K
<b>Working frequency band</b>	902~928MHz (can be adjusted according to the requirements of different countries or regions)
<b>Card reading type</b>	ISO18000-6C (EPCC1G2)
<b>Card reading speed</b>	0.1S
<b>Card reading time</b>	<100mS
<b>Card reading distance</b>	0-50cm (6C white card)
<b>Sensor</b>	300,000 global CMOS
<b>Resolution</b>	640*480
<b>Light source</b>	White light LED
<b>Scanning angle</b>	±60°,±60°,360° (elevation, deflection, rotation)
<b>Scan rate</b>	120 frames/second
<b>Field of view</b>	48°(H)×30°(V)
<b>Printing contrast</b>	Minimum 15%
<b>Decoding Type</b>	1D:EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, CodaBar, Code128, Code93, ITF-14, ITF-6, Interleaved2of5, Industrial2of5, Matrix2of5, GS1Databar(RSS), Code39, Code11, MSI-Plessey, etc 2D:QRCode, DataMatrix, PDF417, MicroQR, Aztec, etc , Support mobile phone screen code reading

<b>Battery</b>	2000mAh Li-ion battery	<b>Depth of Field</b>	QR (20mil): 15~215mm QR payment code (mobile code): 50~620mm DataMatrix (10mil): 10~70mm PDF417 (7mil): 25~115mm EAN-13 (13mil): 25~270mm Code39 (7mil): 25~170mm Code128 (8.3mil): 30~180mm
<b>Charging time</b>	4 hours	<b>Environmental parameters</b>	
<b>Battery life</b>	10 days (standby), 24 hours (working: scan every 5 seconds)	<b>Temperature</b>	0°C-50°C (operating); -40°C~+60°C (storage)
		<b>Humidity</b>	5%-95% non-condensing
		<b>Ambient brightness</b>	Max.5,000Lux (fluorescent)
		<b>Seismic resistance</b>	Can withstand 1.5m drop from the air