

UHF RFID

Bluetooth Handheld

Reader VH-C77P



Bluetooth



1D Barcode



2D Barcode



UHF

Product Feature:

VANCH RFID Sled Reader VH-C77P offer powerful UHF reading and writing capabilities powered by the Impinj E710 chip and Impinj Gen2X, along with high-sensitivity barcode scanning. You can attach the mobile phone to VH-C77P UHF Sled Reader for a complete one-piece solution. The device can be widely deployed in power patrol inspection, asset tracking, clothing inventory, warehouse management, vehicle management, financial management, and so forth.



Specification:

Model No.	VH-C77P
Physical Characteristics	
Dimensions	151 x 76 x 132 mm / 5.94 x 2.99 x 5.19 in.
Weight	Sled Reader: 438 g / 15.45 oz.

Colour	Black
Power	Battery specification: 5200 mAh removable battery
	Standby: over 70 hours (keeping bluetooth connected)
	Continuous use: up to 2.5 hours (UHF reading: 400 tags)
	Charging time: 4-5 hours (with standard adaptor and USB cable)
Interfaces	USB 3.0 Type-C
Buzzer	Support
Indicator LED	Power, Work, Bluetooth
Product material	Plastic
Size of adapted phone	Sled Reader: Width 68~80 mm, thickness: within 22 mm
	Others: Based on phone case or holder
Performance	
MCU	Cortex-M3
	72MHz
User Environment	
Operating Temp.	-4o F to 122o F / -20o C to 50o C
Storage Temp.	-40o F to 158o F / -40o C to 70o C
Humidity	5%RH - 95%RH non condensing
Tumble Specification	1000 x 0.5 m / 1.64 ft. falls at room temperature
Drop Specification	Multiple 1.5 m / 4.92 ft. drops to concrete across the operating temperature range
Sealing	IP54 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge
Developing Environment	
SDK	Android / IOS
Tool	Android Studio / Xcode
Language	Java / Objective-C
Communication	

Bluetooth	Bluetooth Low Energy (BLE) 5.0
RFID UHF	
Engine	Module based on Impinj E710
Antenna parameter	Circular Polarized Antenna (4dBic)
Frequency	920-925 MHz / 902-928 MHz / 865-868 MHz
Impinj Gen2X	Supported
Protocol	EPC C1 GEN2 / ISO18000-6C
Power	1W (30dBm, support +5~+30dBm adjustable)
	2W Optional (33dBm, for Latin America, etc.)
Max Read Range	30m (Impinj MR6 tag, size 70 x 15mm)
	28m (Impinj M750 tag, size 70 x 15mm)
	31m (Alien H3 Anti-Metal tag, size 130 x 42mm)
Fastest Read Rate	1300+ tags/sec
Barcode Scanning (Optional)	
2D Imager Scanner	SE2707
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC- 39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

Product package image:

