



CF-U909

UHF RFID Sled Reader



Bluetooth



1D Barcode



2D Barcode



UHF

CF-U909 UHF Sled Reader, made by IMPINJ E710 chip. It can be used with Android and IOS devices as host, also support Android and IOS SDK. The device combines powerful UHF read/write function and 2D scanning function with better sensitivity. The device with host is widely used in power inspection, asset management, clothing inventory, warehouse management, vehicle management, financial management and other fields.



Sled Reader



Sled Reader with Mobile Case



Sled Reader with Customized Holder

Specification

Physical Characteristics

Dimensions	151*132*76mm(main body only)
Weight	Sled Reader:438g/17.04oz
	Sled Reader with Mobile Case:453g/15.98oz
	Sled Reader with Customized Holder:500g/17.64oz
Colour	Black
Power	Battery specification:5200mAh
	Standby:over 70 hours (keeping bluetooth connected)
	Continuous use;up to 2.5 hours (UHF reading)
	Charging time:4-5 hours (with standard adaptor and USB cable)
Interfaces	USB3.0 Type-C
Buzzer	Support
Indicator LED	Power, Work, Bluetooth
Product material	Plastic
Size of adapted phone	Sled Reader: Width 68~80 mm,thickness 22 mm
	Others: Based on phone case or holder

Performance

MCU	Cortex-M3
	72MHz

User Environment

Operating Temp.	-20 +50
Storage Temp.	-40 ~+70
Humidity	5%RH-95%RH non condensing
Tumble Specification	1000x0.5m/1.64ft falls at room temperature
Drop Specification	Multiple 1.5m/4.9ft drops to concrete across the operating temperature range
Sealing	IP54 per IEC sealing specifications
ESD	±15KV air discharge,±8KV conductive discharge

Developing Environment

SDK	Android/IOS
Tool	Android Studio/Xcode
Language	Java /Objective-C

Communication

Bluetooth	Bluetooth 5.0, BLE
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Data Collection

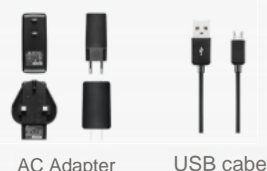
UHF	
Engine	IMPINJ E710
Antenna parameter	Circular Polarized Antenna (3dBic)
Frequency	920-925MHz/902-928MHz/865-868MHz
Protocol	EPC C1GEN2/ISO18000-6C
Power	1W(30dBm,support+5~+30dBm adjustable)
	2W Optional (33dBm,for Latin America, etc.)
R/W range	>18m
Fastest Read Rate	900+ tags/sec

* Ranges and rates depend on tags and environment

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.

Accessories(See details in Accessory Guide)



AC Adapter

USB cable