

Wireless UHF RFID Reader



Quick Details

LDR-RI01W UHF RFID Integrated Reader belongs to ISO18000-6C & EPC Class 1 Gen2 protocol which can read and write all UHF RFID EPC tags in a wireless connection. With built-in RFID antenna and ABS material, it can be installed outdoor for many RFID systems.

Description

RFID Parameter	
Model No.	LDR-RI01W
Type	Passive UHF RFID Reader
Protocol	ISO/IEC 18000-6C and 6B, EPC Class1 Gen2
Frequency	EU 865-868Mhz
Antenna	Built-in 8dbi Circular polarization antenna
Transmit power	0 ~ 30dBm adjustable
Working Mode	Read&Write supported
Read&Write Range	Read 1-6m adjustable, tag and environment dependent
Read Prompt	Buzzer
Anti-collision	Support multiple tags reading
Reading Speed	Max. 100tags/s
Software Kits	Provide free Demo for testing and SDK for development
Software Compatibility	Win XP, Win7, Win8 or Win10
Physical Parameter	
Size	260x260x45mm(EU) (LxWxT)
Material	ABS Waterproof

Mounting	Bracket
Data Interface	WIFI, RS232/UART
Power supply	Single +9V~12V DC
Operating temperature	-10°C ~ +60°C
Operating humidity	20% ~ 90%RH
Accessories	1×Bracket, 1×Power cable
Package	1unit/carton
Customized Service	Ethernet/WIFI port; Cable meters; Relay; External Antenna; Module; Led indicator; Circular Antenna;

Application

- ✓ Intelligent traffic management, such as custom clearance, parking lot;
- ✓ Logistics such as container management, pallet management
- ✓ Ticketing, school attendance, asset tracking;
- ✓ Access control, automatic weighing;
- ✓ Animal tracking;