

UHF RFID Integrated Reader



Quick Details

LDR-RI01 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 long distance. With built-in RFID antenna and ABS material, it can be installed outdoor for car parking system.

Description

RFID Parameter	
Model No.	LDR-RI01
Type	Passive UHF RFID Reader
Protocol	ISO/IEC 18000-6C and 6B, EPC Class1 Gen2
Frequency	Worldwide 840-960Mhz, US 902-928mhz, 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	235x235x57mm(US)/9.25×9.25×2.24inch(L×W×T) 260x260x45mm(EU)/10.24×10.24×1.77inch
Material	ABS Waterproof
Mounting	Bracket
Data Interface	RS232/UART, Wiegand26/34, RS485

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;