

UHF Long Range RFID Reader



Quick Details

LDR-RI02 UHF RFID Long Range 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-RI02 |
| 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 12dbi linearized polarization RFID antenna |
| Transmit power | 0 ~ 30dBm adjustable |
| Working Mode | Read&Write supported |
| Read&Write Range | Read 1-15m 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 | 445x445x55mm /17.52×17.52×2.17inch(L×W×T) |
| Material | ABS Waterproof |
| Mounting | Bracket |
| Data Interface | RS232/UART, Wiegand26/34, RS485 |
| Power supply | Single +9V~12V DC |
| Operating temperature | -10℃ ~ +60℃ |
| 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;