

RFID Reader with built-in Antenna



RDH U01

Readers with in-built antenna

RDM U11

Functions

Our readers with in-built antenna allow medium distance (RDM - U11 till 7 meters) and long distance reading (RDH - U01 till 15 meters)

Features:

- High speed reading.
- Reading time and transmission power are programmable.
- Easy to install and program.
- Small size.

Our readers RDH - U01 and RDM - U11 are used for different scopes such as:

- Logistics and warehouse management.
- Fluid management of mail, parcel and luggage.
- Parking management and automatic charge.
- Operation of the production lines and anti-counterfeiting.
- Also widely used for the management of libraries, schools, sport facilities etc.

Technical Specifications

Model	RDH - U01 / RDM - U11
Protocol	ISO18000-6B, ISO18000-6C (EPC GEN2)
Frequency range	Standard ISM 902~928MHz and ISM 865~868MHz
Operating mode	FHSS
TX Power	0~30dBm, programmable
Read speed	Programmable, average reading for 64Bits : <6ms
Read mode	Programmable scan time
Data output port	Standard Wiegand 26/34, RS485, RS232
Data input port	Trigger input one team
Communication distance	6 m/15m(RDH-U01)
Signal	Buzzer, LED
Antenna	Built-in antenna, Gain 7dBi
Power supply	DC + 9V
Dimension	240mm×240mm×30mm
Weight	1 Kg
Operating temperature	- 20°C~ + 80°C