

The UHF1-12 reader is an RFID long-range proximity card reader which can simultaneously read multiple passive UHF tags at ranges up to 12m.

The reader is waterproof and is suitable for use in a wide range of RFID applications, such as transport management, vehicle management, car parking, production process control, and access control.

- Read range up to 12 meters (adjustable)
- Read Sensitivity: Dual polarization read mode
- Wiegand 26-Bit (Can change to 34-Bit via software)
- Two working mode: Trigger read & Always read
- Comes with the mounting plate and RS-232 cable
- Weatherproof (IP68)
- Maximum Cable Distance: 100m

UHF1-12



SPECIFICATION

Model	UHF1-12
Dimension	450*450*83.5(mm)
Reading distance	Up to 12 meters (adjustable)
communication interface	Serial:RS-232Console, Wiegand 26(Default) /Wiegand 34
Frequency	902Mhz – 928Mhz, 865MHz – 868MHz
Shell Material	Die-casting aluminum shell, Antenna panel with engineering plastics
Working Voltage	9~16V DC
Working Temperature	-22°C—55°C
Interface Protocol	EPC global UHF Class 1Gen 2/ISO 18000-6c
Multiple tags identification	>50
Multiple tags identification speed	>50 Per second
Working mode	Always read/Trigger read
I/O Interface	Supports external trigger
Maximum power consumption	<3W (RF output 26dBm,multiple tags), <2W (RF output 26dBm,Sigle tags)