Long Distance Wiegand Reader

UHF 10 series

UHF 5 series

IP66

UHF 5 series and UHF 10 series reader are a new generation of UHF RFID series products for our company's independent research and development of the long distance card reader system in the personnel management,goods management and vehicle management.

The product uses the industry's most cost-effective UHF card reader chip, and the part of swing card adopts the module integrated design, making the product to meet the technical requirements of the parking lot.Meanwhile, the utility model has the advantages of stable reading performance, good consistency, low working current and temperature, long service life, and small external influence, and the product adopts the waterproof outer shell design.

The product is also a fully meet the CE, FCC technology requirements of the product, and to obtain CE, FCC and other security certification.

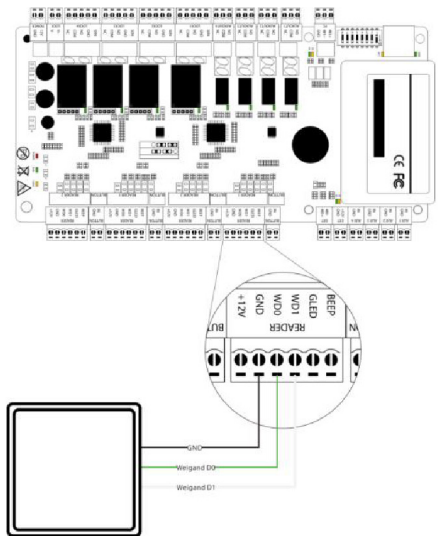
Features

- Read range up to 12 meters (adjustable)
- Read Sensitivity: Line polarization read mode
- Wiegand 26-Bit (Can change to 34-Bit via software)
- Two working mode: Trigger read & Always read(Default)
- Comes with the mounting plate
- Weatherproof (IP66)
- Maximum Cable Distance: 100m
- Multiple label recognition
- Wide application: Vehicle management, Personnel management and Goods management

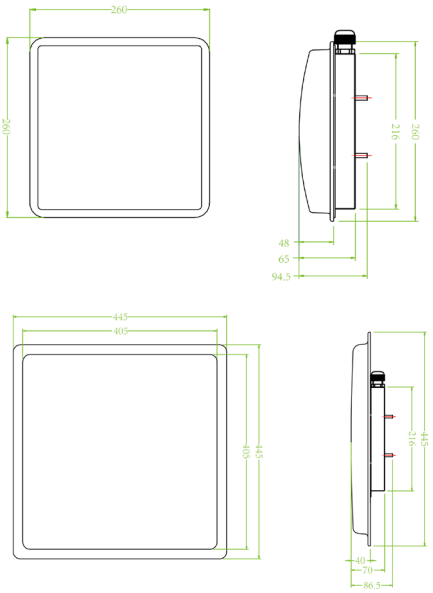
Specifications

Model	UHF1-5E,UHF1-5F	UHF1-10E,UHF1-10F
Dimension	260*260*65(mm)	445*445*70(mm)
Reading distance	Up to 6 meters (adjustable)	Up to 12 meters (adjustable)
communication interface	Wiegand 26(Default) /Wiegand 34, USB	
Frequency	902Mhz – 926Mhz, 865MHz – 868MHz	
Shell Material	Antenna Panel:ABS Engineering Plastics; Back Cover:Aluminum Shell	
Working Voltage	9~12V DC	
Working Current	150mA(Always Read)	
Working Temperature	-20 ℃ - 60 ℃	
Interface Protocol	EPC global UHF Class 1Gen 2/ISO 18000-6c	
Multiple tags identification	<100	
Working mode	Always read(Default) /Trigger read	
I/O Interface	Supports external trigger	
Maximum power consumption	<3W (RF output 26dBm,multiple tags), <2W (RF output 26dBm,Sigle tags)	

Configuration



Dimensions(mm)



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