

# Long Distance Wiegand Reader



UHF 10 series



UHF 5 series

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.

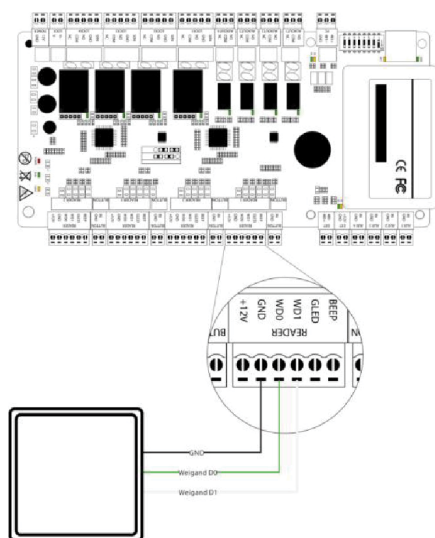
## Features

- 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

<b>Model</b>	UHF1-5F	UHF2-10F	  Approved since March 2018
<b>Dimension</b>	260*260*65(mm)	445*445*70(mm)	
<b>Reading distance</b>	Up to 6 meters (adjustable)	Up to 12 meters (adjustable)	
<b>communication interface</b>	Wiegand 26(Default) /Wiegand 34, USB		
<b>Frequency</b>	902Mhz – 928Mhz		
<b>Shell Material</b>	Antenna Panel:ABS Engineering Plastics; Back Cover:Aluminum Shell		
<b>Working Voltage</b>	9~12V DC		
<b>Working Current</b>	150mA(Always Read)		
<b>Working Temperature</b>	-20 °C - 60 °C		
<b>Interface Protocol</b>	EPC global UHF Class 1Gen 2/ISO 18000-6c		
<b>Multiple tags identification</b>	<100		
<b>Working mode</b>	Always read(Default) /Trigger read		
<b>I/O Interface</b>	Supports external trigger		
<b>Maximum power consumption</b>	<3W (RF output 26dBm,multiple tags), <2W (RF output 26dBm,Sigle tags)		

## Configuration



## Dimensions(mm)

