

# UHF Reader Transponder

UHF Long range reader 5-15M (16- 49ft) for parking management, logistics, warehouse, manufacturing management and more.

## Features:

- Working Frequency: National standard (920~925MHz), America standard (902~928MHz), or customize other frequency
- Support Protocol: ISO18000-6B, ISO18000-6C (EPC GEN2)
- Frequency Hopping: FHSS or fixed frequency set by software
- Working Method: Automatically read card at a regular time or set a reading card method
- Waterproof, IP65
- Frequency Power: 0~30dBm, be adjusted by software
- Reading Distance: 5-15M (16- 49ft)
- Reading Sensitivity: Dual polarization reading
- Reading Speed: One label 64 bit ID number < 6ms
- Antenna: Built-in circular polarization antenna, gain 8dB /built-in linear polarization antenna, gain 12dBi
- Interface: RS485, RS232, Wiegand26, Wiegand34, RJ45
- Working Voltage: DC + 12V
- Working Status Indication: buzzer
- Power: 1W
- Working Temperature: -20°C ~ +80°C (-4°F ~ +176°F)
- Storage Temperature: -40°C ~ +125°C (-40°F ~ +257°F)
- Working Humidity: 20% ~ 95% (no condensing)
- Dimensions: 450 × 450 × 120mm (17.72 × 17.72 × 4.72in )
- Weight: 9.5kg (20.94 lbs)

## Signal Definition:

Serial No.	Name	Cable Color	Function
1	DC+12V	Red	+9V~15V positive
2	GND	black	Negative
3	TXD	brown	RS232 signal output (PIN2)
4	RXD	Yellow	RS232 signal input (PIN3)
5	GND	Blue	RS232 grounding (PIN5)
6	Triger	Gray	Trig pin
7	DATA0/485A+	Green	Wiegand data 0 or 485 interface positive port
8	DATA1/485B-	white	Wiegand data 1 or 485 interface negative port

