



## FEATURES:-

- ✓ Strong signal penetration, free from the impact of the car explosion-proof membrane. ( can go through tinted glass )
- ✓ IR activation signal not interference by the sun's rays.
- ✓ Card number upload delay time can be set randomly
- ✓ Identify axis range of 60-degree cone angle from the front of the card reader

## ORDER INFORMATION:-



Model : AY-M8C2 IR LONG RANGE READER



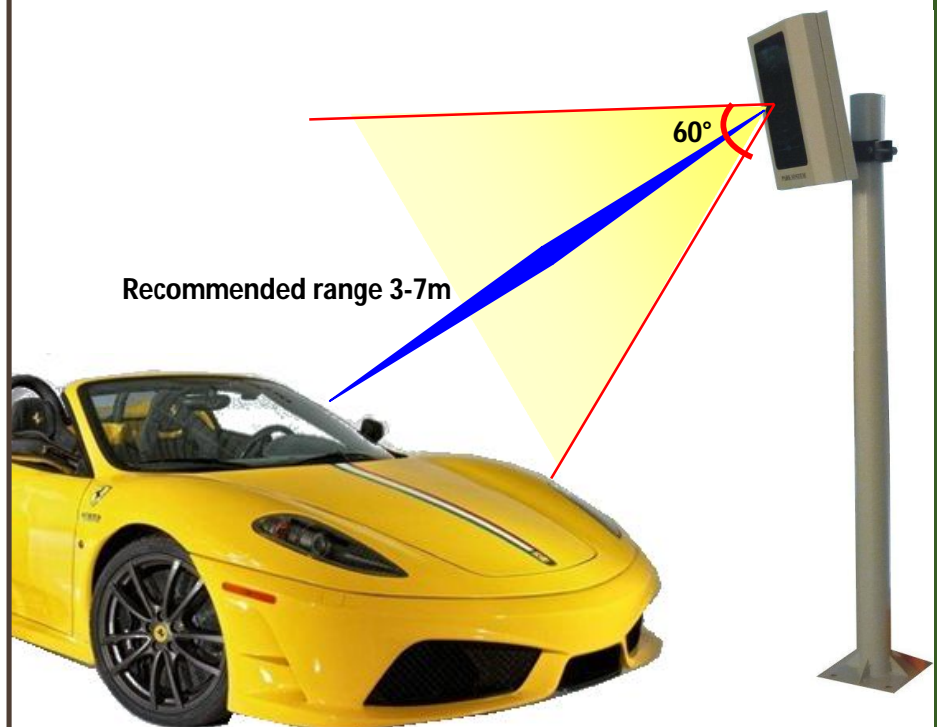
Model : IR-AJ28 TAG



Model : IR-AJ19+M1 ACTIVE TAG WITH MIFARE CARD SLOT IN



RFID Long Range Series Active Reader adopting high technology, remote directional module and RFID technology, the RFID reading system can receive the signal at around 3-7 meters away from the gate barrier (The environment will affect the reader performance). AY-M8C2 greatly reduces the drawbacks of waiting in queue to roll down the window and scan the card. It not only reduces the unnecessary fuel consumption. Besides, our active tag is usually dormant until it goes into the reading zone. With ultra-low emission of milliwatt power and below internationally accepted radiation limits.



# FALCO IR LONG RANGE READER

## SPECIFICATION:-

Model	AY-M8C2
Power Supply	DC12V, 1A
Frequency Range	Receive Frequency RF 433Mhz/ Sending Frequency IR 38Khz
Operating Current	400mA-1000mA
Output Format	Wiegand26, Wiegand34
Reading Angle	60°
Reading Range	3-7M
Reading Speed	<0.2s/ ≤80km/h
Reading Interval	10s
Operating Humidity	10% to 90% relative humidity
Operating Temperature	-35°C - 85°C
Dimension	250 x 280 x 60 mm(WxHxD)
Weight	3kg
Colour	Grey
Card type	IR-AJ28 TAG/ IR-AJ19
Operating Humidity	10% to 90% relative humidity
Operating Temperature	-35°C - 85°C
Index of Protection	IP65



Model(Order Code) IR-AJ28 TAG

Physical Characteristics	Dimensions	58*45*6(mm)
Environment	Operating Temp	2.5 ~ +3.6V DC
	Standby Current	10μA
	Operating current	2mA
Battery spec	CR2032/3V - 2x	
Colour	Black	
Frequencies	Receive IR38kHz, Transmit RF433mHz	

- Note : Only able to read from Front 0~90degree, Cannot read from back of the tag



**Model(Order Code) IR-AJ19+M1**

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<b>Physical Characteristics</b>	<b>Dimensions</b>	<b>58*45*6(mm)</b>
<b>Environment</b>	<b>Operating Temp</b>	<b>2.5 ~ +3.6V DC</b>
	<b>Standby Current</b>	<b>10<math>\mu</math>A</b>
<b>Battery spec</b>	<b>Operating current</b>	<b>2mA</b>
	<b>CR2032/3V - 2x</b>	
<b>Colour</b>	<b>Black</b>	
<b>Frequencies</b>	<b>Receive IR38kHz, Transmit RF433mHz</b>	

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