

## Ultra Long Distance UHF Reader Perfect Your Car Park Access Control



**Stand Alone | 4000 Database | 25m Read Distance | 30dBm Output | TCP/IP | PoE | 865~928M Hz**

### Description

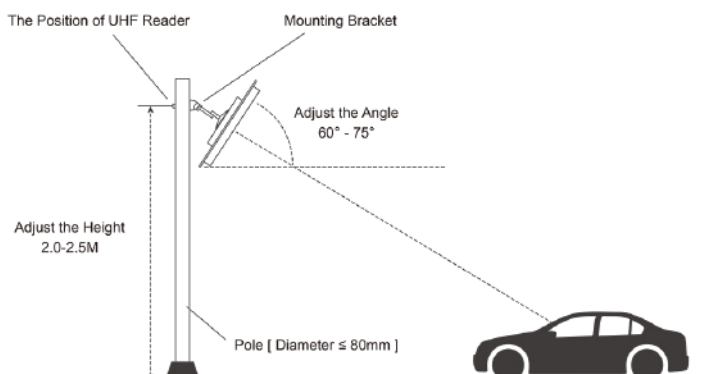
i-View provides a dual recognition (UHF and License Plate Recognition) solution for parking lot management to meet the current huge parking demand. ETC reader offers long-distance reading capability, can complete the identification, and open the gate before the car reaches the entrance; in addition, the ETC reader has the advantages of Host-free operation, a long reading distance, triggers reading to reduce misreading, and relay output for gate opening.

The UHF reader can automatically identify the EPC CLASS 1 GEN 2 and ISO 18000-6C standard electronic tag at a long distance with a nearly 100 % reading success rate and outputs 24 international legal codes, whether the objects are moving or static. Its maximum reading distance of 25 meters allows for flexible installation and deployment, and its low current and low power consumption design effectively ensures a long service life. It is an excellent hardware foundation for parking solutions. It will have significant advantages as a parking lot entrance and exit control deployment to realize automatic management of parking lot gates.

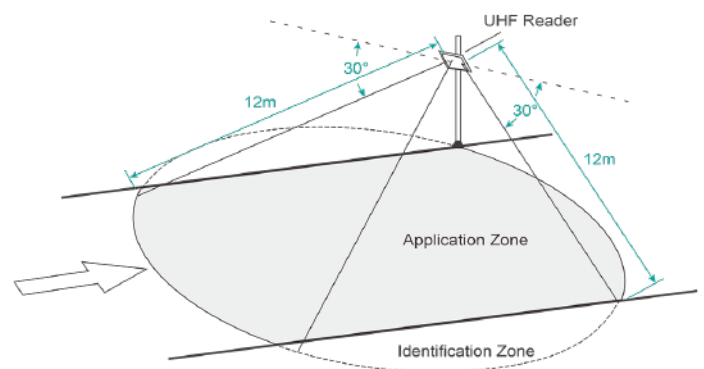
### Features

- Comply with EPC CLASS 1 GEN 2 and ISO 18000-6C electronic tag protocol standards.
- Maximum 25 meters reading e-tag distance; the output power can adjust to meet the field scene application.
- Host-free and compared with the internal database of UHF reader to open the gate barriers when eTag matched directly.
- The ETC reader supports 4,000 list data and can import and delete batch and single lists for flexible control.
- External trigger to read electronic tags for power saving.
- IP-66 standard design suits outdoor environment installation.
- Support TCP/IP network communication and POE function and automatic reconnection when network disconnection.
- Supports stand-alone operation; no need to manage server connection control.

### UHF Reader Installation



### Simulated Reading Zone of UHF Reader



## Specification

<b>Frequency</b>	865~868 MHz   902~928 MHz
<b>UHF Protocol</b>	Compliant EPC UHF CLASS 1 GEN 2 and ISO 18000-6C protocol
<b>Output Power</b>	30dBm (UHF-3012)   26dBm (UHF-2609)
<b>Antenna</b>	UHF-3012: 12 dBi Linear Polarization (915MHZ) UHF-2609: 9 dBi Linear Polarization (915MHZ)
<b>Communication</b>	IEEE 802.3 10/100 Base-T (RJ45) with POE
<b>Read /Write Speed</b>	< 0.1s (single tag)
<b>Tag moving speed*</b>	Readable speed ≤100 Km/H (Single tag)
<b>Reading Distance*</b>	UHF-3012: Maximum 25m   Optimum 20m UHF-2609: Maximum 10m   Optimum 7m
<b>Read Mode</b>	Continue / Trigger (Selectable)
<b>Database</b>	Maximum 4000 listed, auto compare, and open gate when the database matched. (Optional)
<b>I/O Port</b>	External Trigger, Relay Output &

<b>Beeper</b>	Yes
<b>Power Consumption</b>	DC9V~12V, Built-in IEEE802.3af POE, <3W (Output 30 dBm, Multi Tags) , <2W (Output 26 dBm, Single Tag)
<b>Waterproof</b>	IP66
<b>Radome Material</b>	ABS
<b>Radiant Board Material</b>	Aluminum
<b>Color</b>	Off-white
<b>Operation</b>	Temperature -20℃ ~60℃ Humidity 10% ~ 95% Non-condensing
<b>Dimension</b>	UHF-3012: 445x 445x 55mm UHF-2609: 260x 260x 75mm
<b>Weight</b>	UHF-3012: 3.5Kg UHF-2609: 1.8Kg

\* Test with single AZ9662 tag

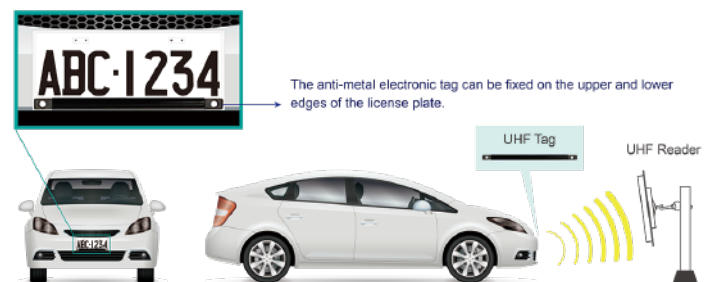
## Paste UHF Electronic Tag on Window

A. Anti-Tear UHF Tag fixed on the windshield.

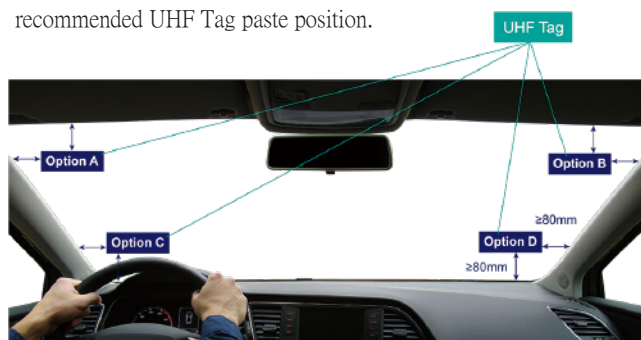


## Paste UHF Electronic Tag on License Plate

B. Anti-Metal UHF Tag is suitable for pasting on the license plate



The distance between the place where the UHF Tag is attached and the metal frame of the car window should be at least 80mm. Please refer to the ticked position in the photo below as the recommended UHF Tag paste position.



## Back Plate



UHF3012



UHF2609

## Company Information



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## Ordering Information

**UHF3012:** Long Distance Reader (Built-in 12dBi antenna)

**UHF2609:** Middle Distance Reader (Built-in 9dBi antenna)

**Accessories:**

**PMB-002:** 2 inches Pole mount bracket.

**PMB-003:** 3 inches Pole mount bracket.

**WMB-100:** Wall m inches Pole mount



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