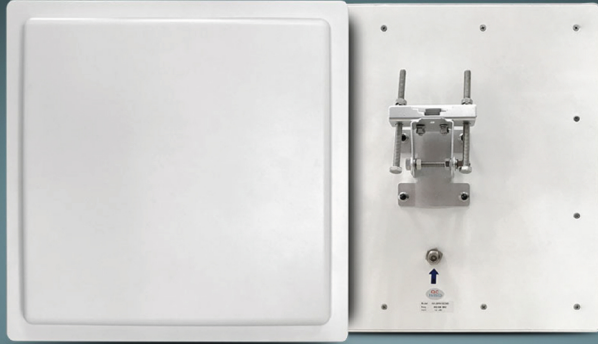




RFID Reader for ETC Toll Solution

With Outstanding UHF Performance, It Can Meet Various Applications

Featured with high sensitivity, superior reading performance, long-distance/bulk-tags reading ability, it also can ensure accuracy, speed, and high security. Meanwhile, it possesses an IP67 protection rating and good waterproofness. These parameters make the device fit perfectly for peak performance across a spectrum of industries, including intelligent transportation, warehousing, event management, production-line management, inventive retail strategies, financial management, and medical equipment management, etc.



With Outstanding UHF Performance, It Can Meet Various Applications

Features

- ⚡ Fast Read & Write
- 🔧 Install and Use Conveniently
- 📍 Long Read & Write Distance
- 🛡️ IP67

Functions

- 🚦 Intelligent Transport System
- 🚗 Intelligent Parking Management
- 🏟️ Sports Event Application
- 🚚 Logistics & Warehouse
- 🏥 Healthcare
- ⚡ Electricity



UHF RFID Antenna

Application:

- ★ Intelligent transport system
- ★ Expressway management--- automatic identification of driving route, traffic flow, information collection and so on.
- ★ Logistics &warehouse management

Features:

- ★ Attractive, install and use conveniently
- ★ Fast read & write, high performance, Long read & write distance
- ★ IP67 (Water & Dust Proof)
- ★ Only for ETC Toll

Order Description:

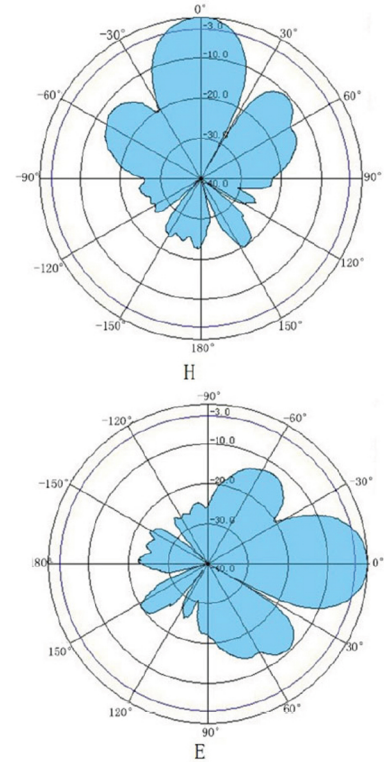
- ★865-868MHz: Ant-RC12-455/455-EU
- ★902-928MHz: Ant-RC12-455/455-CA

Available Accessories:

Antenna cables(optional,customizable):
Ant-CA-SMA.M/N.M-LMR4-150M

Mounting sets(optional):

Ant-MOT-RC12-455/455-P



Specification

Electrical

Frequency Range	902-928MHz / 865-868MHz (Only for ETC Toll)
Polarization Type	RHCP
Gain	120dBi
3dB Beam-Width. H-Plan	40°
3dB Beam-Width. E-Plan	38°
VSWR	≤1.3
Front to back Ratio	≥17dB
Input Impedance	50Ω
Max Input Power	20W
Lightning Protection	DC Grounded
Country of Origin	UAE (European Standard)

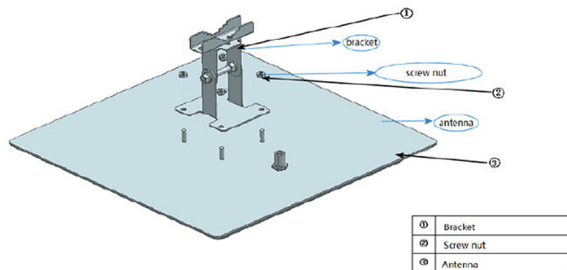
Mechanical

Connector Type	N-Type Female
Dimensions H*W*D (mm)	445*445*30(mm)
Weight	2.66kg(with mounting bracket)
Radome Material	ABS
Radome color	Off-white
Radiant board material	aluminum
Operating Temperature	-40°C/+60°C
Sealing	IP67 (Waterproof)
Installation mode	Pole mounted
Support Pole Diameter	φ30-φ50(mm)
Rated Wind Velocity	60 m/s

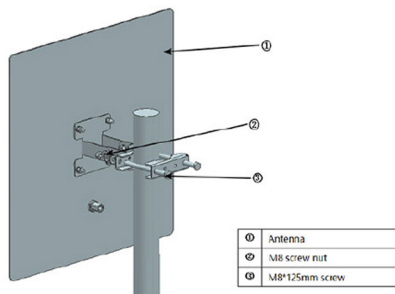
Installation diagram:

The antenna can be installed on the steel frame or pillar through its own bracket, and connected with the reader through the coaxial line. The antenna can be installed horizontally or vertically, depending on the installation orientation of the bracket. After installation, the tilt angle of antenna can be adjusted according to the actual situation to obtain the best performance of reading. The antenna can be used outdoors, but it is not suitable to use in acid-base environment.

1. Fix bracket to antenna with quarter US flange nut.



2. Fix the antenna on vertical steel frame or pillar with M8 * 125mm screw, washer and screw nut.



CONTACT US

+971523819594

lebroninfotech@gmail.com

www.lebron-infotech.com

Business Center RAKEZ, Ras Al Khamirah, United Arab Emirates.