

INVENGO XC-AF38 ANTENNA



About Invengo's XC-AF38 Antenna

Invengo XC-AF38 antenna offers high gain, ruggedness and excellent shock and vibration resistance in a unique design. The XC-AF38 linear polarized antenna is ideal for electronic toll collection, parking access control system, vehicle management and other applications.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare, and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Features

- Linear polarization
- Suitable for worldwide UHF RFID bands
- Simple installation and maintenance

Applications

- Electronic Toll Collection
- Parking Access Control System
- Vehicle Management

Product Specifications

Performance Parameter

Operating Frequency	840MHz~868MHz 902MHz~928MHz
VSWR	≤1.3:1
Gain	> 9dBi
H-Plane HPBW	120°
E-Plane HPBW	45°
Polarization Mode	Linear
Impedance	50 Ω
Degree of Protection	IP65
RF Connector	N type connector

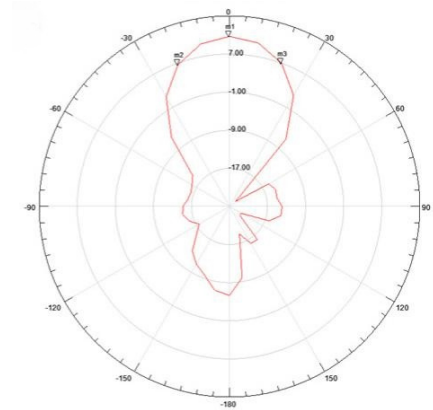
Environment

Operating Temperature	-40°C to +70°C
Storage Temperature	-40°C to +70°C
Humidity Range	5% ~ 95% RH

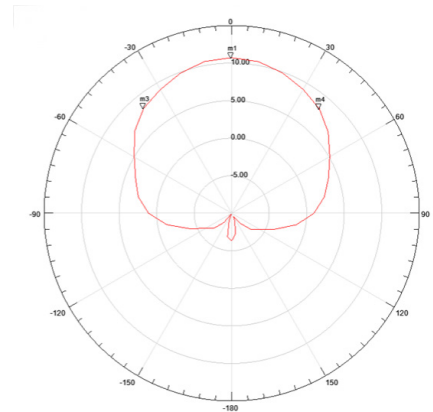
Physical Parameter

Dimensions	500mm × 200mm × 60mm
Weight	1.7kg (Without bracket)
Case Material	Plastic ASA, Aluminum
Installation	Bracket mounting/Screw fastening

Radiation Pattern

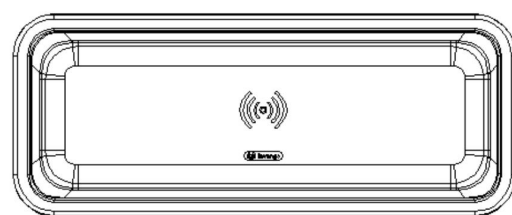
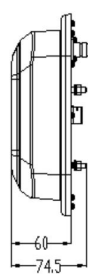
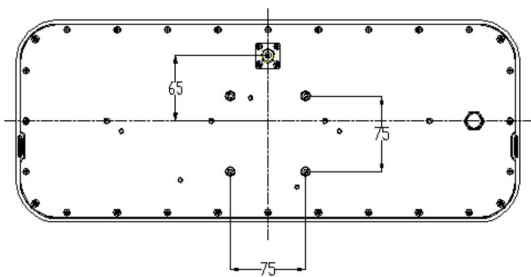


E Phase



H Phase

Mounting Bracket



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