

# INVENGO XC-AF35 HIGH PERFORMANCE



## About Invengo's XC-AF35 High Performance Antenna

Invengo's XC-AF35 antenna offers high gain, ruggedness, shock and vibration resistance in a unique form factor. The XC-AF35 linear polarized antenna is ideal for transportation, logistics, asset tracking, access control, AVI (Automatic Vehicle Identification) and ETC (Electronic Toll Collection) applications.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID (UHF) 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.

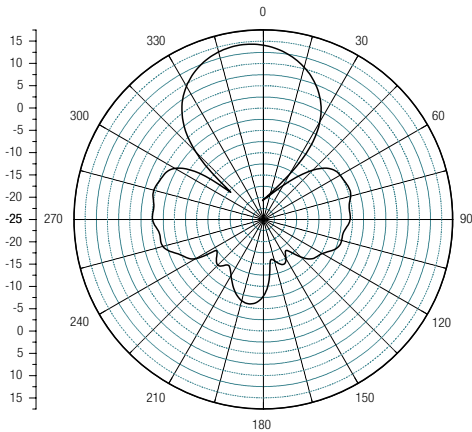
Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID oriented companies in the world.

## Features

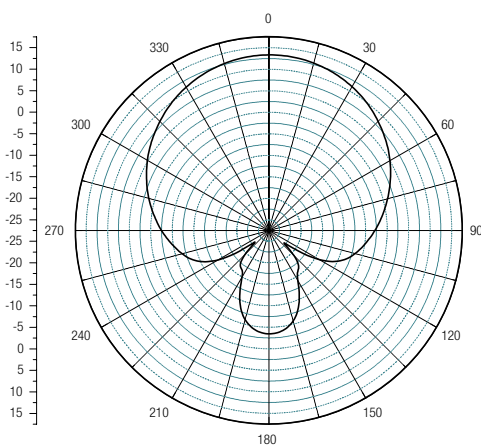
- Operating Frequency 860 to 930 MHz
- Optimized for long-range identification
- High Gain (> 13.6 dBi)
- Exceptional Interference Rejection
- Linear Polarization
- Low VSWR
- Protection Level: IPX4



## Radiation Pattern

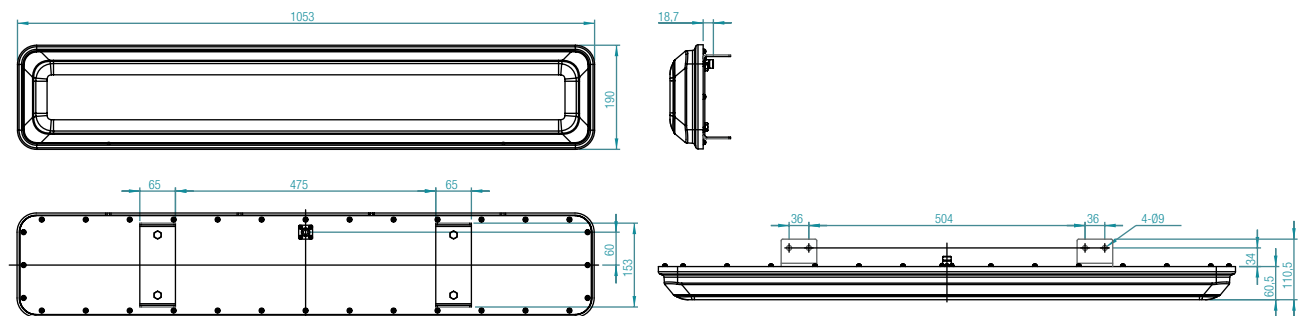


E Phase



H Phase

## Mounting Bracket



## Product Specifications

### Performance Parameter

<b>Operating Frequency</b>	860 to 930 MHz
<b>VSWR</b>	≤ 1.3:1
<b>Gain</b>	> 13.6 dBi
<b>Half Power Beam With</b>	H-Plane 60° E-Plane 15°
<b>Polarization</b>	Linear
<b>Antenna Impedance</b>	50 Ω

### Environmental

<b>Operating Temperature</b>	-40°C to 85°C (-40°F to 185°F)
<b>Storage Temperature</b>	-40°C to 85°C (-40°F to 185°F)
<b>Humidity Range</b>	5% ~ 95% RH
<b>Protection Level</b>	IPX4

### Physical Parameters

<b>Dimensions</b>	1050 x 190 x 60 mm (41.3 x 7.5 x 2.4 in)
<b>Weight</b>	Approx. 5,1 kg (11.4 Lbs)
<b>Case Material</b>	Plastic FRP, Aluminium
<b>Connector</b>	N-Type

### Models

<b>ID</b>	XC-AF35
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