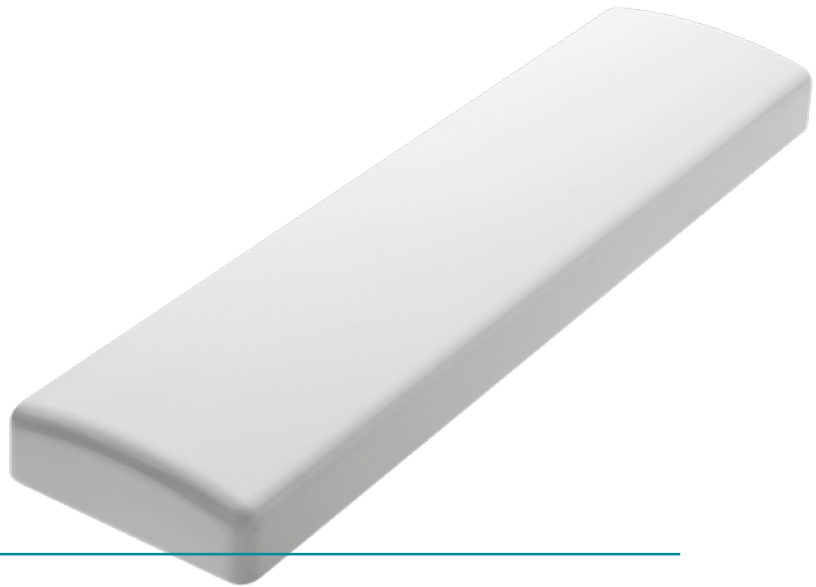


# INVENGO

## XC-ST900-R1

### ULTRA RUGGED



## About Invengo's XC-ST900-R1 Ultra Rugged Antenna

Invengo ST900-R1 antenna offers high gain, ultra ruggedness and excellent shock, vibration, acid and mildew resistance in a unique design. The ST900-R1 linear polarized antenna is ideal for transportation, land & sea logistics and vehicle tracking applications.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID (UHF) and NFC (HF) inlays, tags and connectivity solutions utilized in the Internet of Things (IoT). With a focus on RFID innovation, Invengo has created a leading product line in retail, library, pharmaceutical, healthcare, (public) transportation 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 500 people globally, Invengo is one of the largest publicly traded, RFID oriented companies in the world.

## Features

- Operating Frequency 902 ~ 928 MHz
- High Gain
- Excellent acid and mildew resistance
- Linear Polarization
- Low VSWR
- Protection Level: IP67
- Durable and clean design
- Simple installation and maintenance



## Product Specifications

### Performance Parameter

Operating Frequency	902 ~ 928 Mhz
VSWR	≤ 1.2:1
Gain	9.6 dBi
H-Plane HPBW	90°
E-Plane HPBW	27°
Polarization	Linear
Antenna Impedance	50 Ω

### Environmental

Operating Temperature	-40°C to 70°C (-40°F to 158°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Humidity Range	5% ~ 95% RH
Protection Level	IP67

### Physical Parameters

Dimensions	610 x 156 x 50 mm 24 x 6 x 2 in
Weight	Approx. 3,8 kg / 8.4 Lbs
Case Material	Glass Reinforced Plastic, Aluminium

### Models

ID	XC-ST900-R1-FCC
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