

INVENGO

XC-AF802-BUS-A

XC-AF802-BUS-B



About Invengo's XC-AF802-BUS-A/B Antenna

XC-AF802-BUS-A/B series antennas are compact RFID UHF Antenna, circular polarization, and the working frequency band is 902MHz~928MHz. The carefully design methodology achieves maximum efficiency and performance, with excellent VSWR and axial ratios. It is ideal for many RFID applications such as smart retail, digital warehouse management, logistics management and other fields.



Invengo – The global leading RFID and IoT solution 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, 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 700 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Features

- Circular polarization
- High performance and high protection
- Beautiful appearance and light weight

Application

- Smart retail
- Digital warehouse management
- Logistics management and other fields

Product Specifications

Performance Parameter

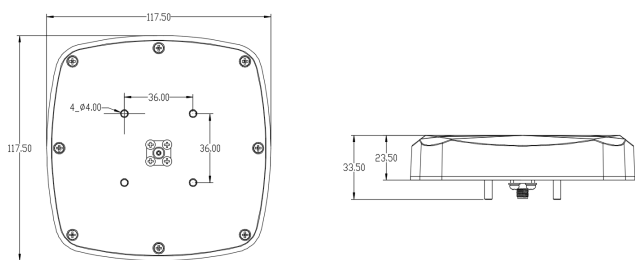
Operating Frequency	902MHz~928MHz
VSWR	≤1.5:1
Input Impedance	50Ω
Gain	5dBi
Polarization	Circular polarization
Connector	SMA-K type connectors
HPBW	E: 100°, H: 100°
IP rating	IP65

Environment

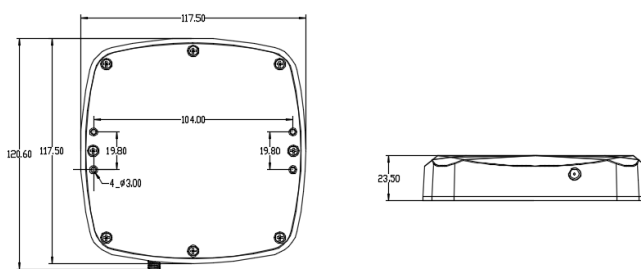
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Humidity Range	≤95%RH

Physical Parameters

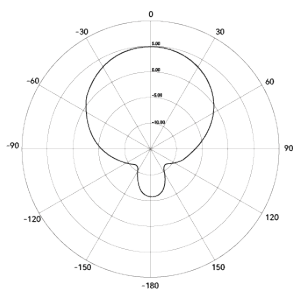
Size	117.5mm×117.5mm×23.5mm
Weight	0.16kg
Radome material	Modified ASA
Installation method	Bracket mounting/Screw fastening



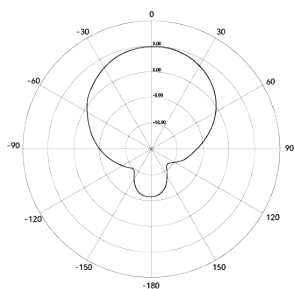
XC-AF802-BUS-A Type Antenna appearance dimension drawing



XC-AF802-BUS-B Type Antenna appearance dimension drawing



E-Plane HPBW



H-Plane HPBW

All Features and specifications described are subject to change without notice.

APAC / EMEA
Invengo Technology Pte. Ltd
9 Kallang Place
#07-01,
Aperia Singapore 339154

Office: +65 6702 3909
sales@invengo.com

Americas Sales
Invengo Technology Corp.
1011 S HAMILTON RD
Ste 300 CHAPEL HILL
NC 27517-4409 USA T.

Office: +1 919 890 0202
sales.americas@invengo.com

Global Library Solutions
FE Technologies Pty Ltd
129 Fyans Street
SOUTH GEELONG
Australia 3220

Office: +1 300 731 991
enquiries@fetechgroup.com

Global Handhelds Solutions
ATID CO.,LTD.
#603, 184, Gasan Digital 2-Ro,
Gumcheon-Gu, Seoul,
Korea, 08501

Office: +82 544 1436
inquiry@atid1.com