

## AI-RF-FX-AN200



### Features

- Low profile with high gain, reading distance range up to 10m
- Maximum efficiency and performance across the entire frequency band
- Seamlessly compatible with different brand RFID readers
- Widely used in supply Chain Management, Jewelry Store Management, Document tracking etc.



## Specifications

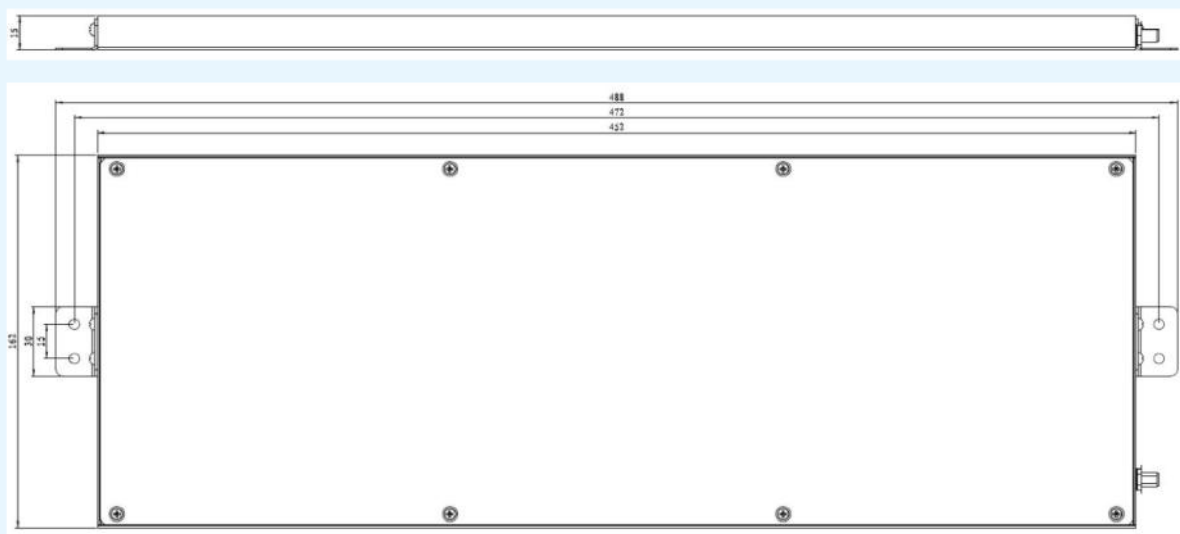
### Physical / Environmental Specifications

Dimensions (L x W x D)	488mm×162mm×15mm
Weight	1kg
Radome Material	Aluminum + Acrylic panel
Sealing	IP54
Connector type / position:	SMA female side connector
Mounting	Flush
Operating Temperature	-20 - +70°C
Storage Temperature	-40 - +80°C

### Electrical Specifications

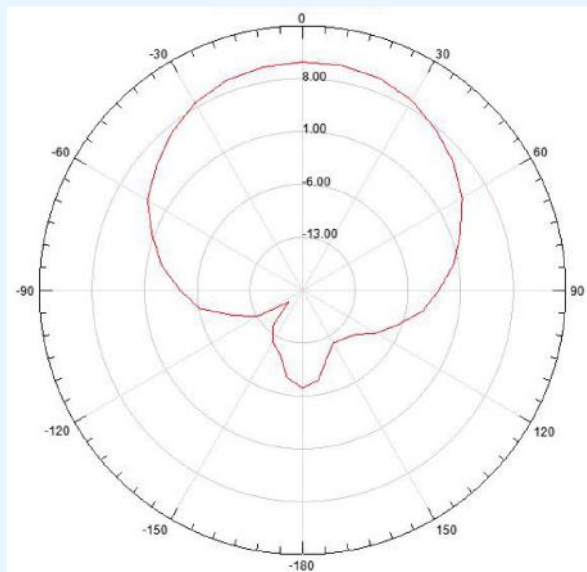
Frequency Range	840MHz ~ 960MHz
Polarization	Circular
Far-Field Gain	9 dBi (865MHz ~ 868MHz, 902MHz ~ 928MHz)
Beamwidth	45° x 45°
Typical VSWR	≤1.5 : 1
Nominal Impedance	50 (Ω)
Maximum Input Power	10W

## Construction Appearance



## Radiation Pattern

**E Plane Radiation Pattern**



**H Plane Radiation Pattern**

