

## **MINI UHF 915MHz Flat Panel Antenna for RFID Reader**

### **Part No:AC-D915W05P**

#### **1. Introduction**

This RHCP RFID Panel Antenna provides reception and transmission of signals in the 902-928 MHz frequency band. Both VSWR and axial ratios are both excellent and allow the user to achieve the maximum performance for an antenna of this type.

The antenna is housed in a heavy-duty radome enclosure that can be directly wall mounted.

An optional articulating mount allows either wall or mast mounting. Flat panel antenna with circular polarization, designed to be integrated into RFID gates and checkpoints.

Its robust design with IP65 protection class is suitable for industrial applications.



## 2. Specification

### Electrical

Frequency Range	902-928MHz
F/B Ratio	≥20dB
Gain	6dBi
V.S.W.R	≤1.5
Radiation	Direction
Horizontal Beam width	90°
Vertical Beam width	90°
Polarization	RHCP
Lightning Protection	DC Grounded
Maximum Input Power	50W
Impedance	50Ω
Connector	SMA Female
Antenna Radome Material	ASA
Mounting way	Pole Mount
Diameter of Installation Pole	Ø50~Ø70mm

### Mechanical

Dimensions	130x130x20mm
Weight	345g
Operating Temperature	-40°C to+70°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES