

Weibonuo Communication Die-Casting Aluminum Module Style

Circular 902–928MHz 9dBi IP65 Integrated RFID Antenna

Model: WBN-iRFID(US)2626-02

Applications

- ① 902–928MHz (RFID) Radio Frequency Identification
- ② 65–868MHz for ETSI is available on requirement
- ③ Airports, Hospitals, Warehouse, Door Control
- ④ Personel control, Production Line and etc..



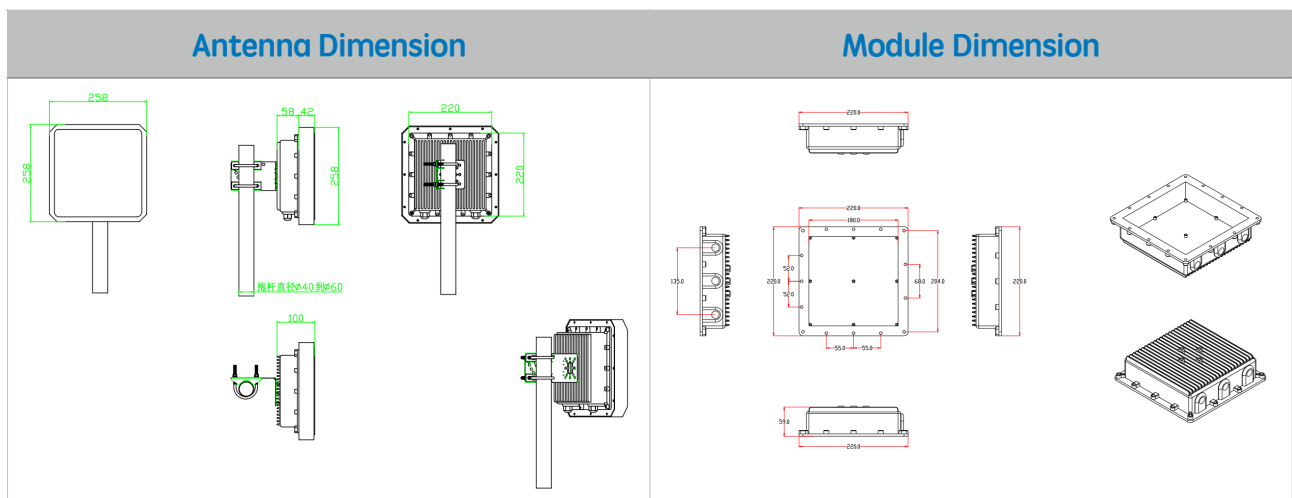
Features

- ① Low Profile with ABS and Die-Casting Aluminum Module
- ② 1.4 VSWR with less than 2 axial ratio
- ③ IP65 Rated with ultraviolet-proof
- ④ Wide range of connector and cable options



Descriptions

WBN-iRFID(US)2626-02 integrated antenna provides reception and transmission of signals in the FCC frequency band with ALL IN ONE housing where it enables reader to combine with antenna in one housing. VSWR and axial are excellent and allow the user to achieve the maximum performance for an antenna of this type. The antenna is not only mechanically robust but is less likely to be exposed to excessive damage by virtue of its reduced size.



Electrical Specifications

Frequency Range	902-928MHz
Gain (Typ)	9dBi
VSWR (Typ)	≤ 1.4
Axial Ratio	≤2dB
Polarization	Circular
Front-To-Back Ratio	≥20
Horizontal Beamwidth	70°
Vertical Beamwidth	70°
Impedance	50 Ohm
Max. Input Power	50 Watts
Lightning Protection	DC Grounded

Mechanical Specifications

Cable Length	Direct from bottom or with cable
Connector	N-Female or Customized
Weight	1.90 Kg
Dimensions	260 x 260 x 100 mm
Reflector Material	Aluminum
Radome Material	ABS
Radome Color	White
Installation Method	On Pole
Mounting Hardware	Φ30 – Φ50mm
Operating Temperature	-40°C to +70°C

* The products and specifications described in this document are subject to change without notice.

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