WEIBONUO Communication Long Reader Range Design

High Gain Indoor/Outdoor Application

12dBi 902-928MHz IP65 RFID Panel Antenna N-F

Model: WBNQ-RFID(US)4444

Applications

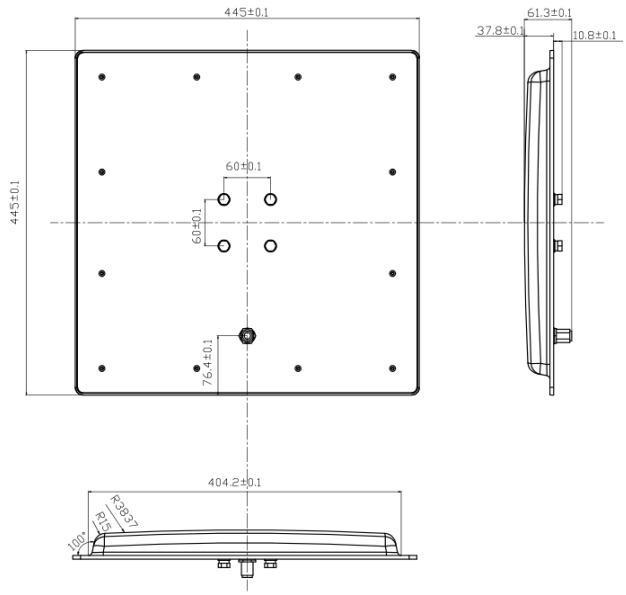
❶ 902-928MHz (RFID) Radio Frequency Identification
❷ 865-868MHz for ETSI is available on requirement
❸ Airports, Hospitals, Warehouse, Door Control
❹ Personel control, Production Line and etc..

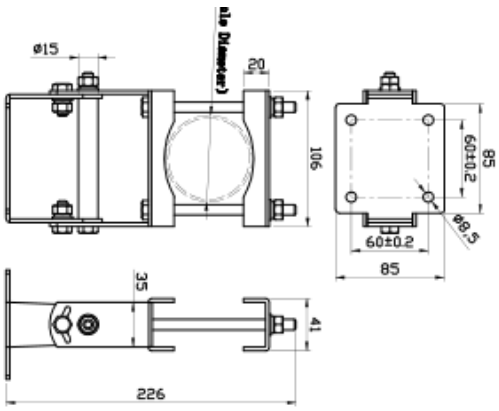
Features

❶ Low Profile with long reader range design
❷ 1.3 VSWR with less than 2 axial ratio
❸ IP65 Rated
❹ Wide range of connector and cable options

Descriptions

WBNQ-RFID(US)4444NF antenna provides reception and transmission of signals in the FCC frequency band. 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 high performance but is possible to provide longer read range. Even in RF-challenging environments, you get longer read ranges and higher levels of performance.
WBNQ-RFID(US)4444NF RFID Antenna is used for mounting on pole to create superior read zones around shelves, doorways and chokepoints, portals, outdoor gates and conveyors, RF-challenging environments.





Electrical Specifications

Frequency Range	902–928MHz
Gain (Typ)	12dBi
VSWR (Typ)	< 1.3
Axial Ratio	⩽2dB
Polarization	Vertical OR Linear OR Circular
Horizontal Beamwidth	40°
Vertical Beamwidth	40°
Impedance	50 Ohm
Max. Input Power	50 Watts
Lightning Protection	DC Grounded

Mechanical Specifications

Cable Length	Direct Out
Connector	N-Female
Weight	2.1 Kg
Dimensions	445 x 445 x 40 mm
Mounting Hardware	Φ 40 – Φ 80mm
Radome Material	ABS
Radome Color	White
Installation Method	On Pole
Effective Wind Area	N/A
Wind-Resistant performance	N/A
Operating Temperature	-40℃ to +60℃

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

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