

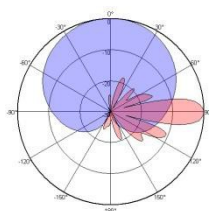
XXPoI 790~960MHz/1710~2170MHz 65°/65° 15/17dBi 0°~14°/0°~10° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

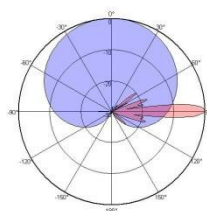
Frequency Range(MHz)	790~960		1710~2170		
	790~896	870~960	1710~1880	1850~1990	1920~2170
Polarization	±45°				
Gain (dBi)	14.5	15	16	16.5	17
Horizontal 3dB beamwidth (°)	66	63	66	64	62
Vertical 3dB beamwidth (°)	14.5	13.5	7	6.5	6
Front-to-back ratio (dB)	≥25				
Cross-polar ratio (dB)	≥15(±60°≥10)				
Electrical downtilt (°)	0~14		0~10		
Sidelobe suppression (dB)	0°...5°...10°...14°		0°...5°...10°		
(First sidelobe above main beam)	16...15...14..13		16...15...13		
VSWR	<1.5				
Isolation: intra-system (dB)	≥30				
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc				
Impedance (Ω)	50				
Max. power per input (W) @50°C	400		200		
RET Model	TY-ICUB20 (Replaceable, Not included)				
RET Protocol	AISG 2.0 SRET				
Lightning protection	DC Ground				

Mechanical specifications

Connector	4x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1450x270x140
Packing size (mm)	1825x365x220
Antenna weight (kg)	17.6
Installation kit weight (kg)	4.3
Packing weight (kg)	24.8
Wind load (N,at 150km/h)	441/158/524
Frontal/Lateral/Rearside	
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



790~960MHz



1710~2170MHz

