

**XXPoI 698~960MHz×2 65° 17.1dBi 2°~10° Integrated RCU (Remote Control Unit) Antenna**

Electrical specifications			
Frequency Range(MHz)	698~960 × 2		
	698~824	824~890	890~960
Polarization	±45°		
Gain (dBi)	16.2	16.7	17.1
Horizontal 3dB beamwidth (°)	68	64	62
Vertical 3dB beamwidth (°)	8.7	7.6	7.1
Front-to-back ratio (dB)	Typically:≥23		
Cross-polar ratio (dB)	Typically:≥15(±60°≥8)		
Electrical downtilt (°)	2~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically 2°...6°...10° 18...17...17	Typically 2°...6°...10° 18...17...16	Typically 2°...6°...10° 18...17...15
VSWR	≤1.5		
Isolation: intra-system (dB)	≥25		
Isolation: inter-system (dB)	≥25		
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	400		
RET Model	TY-RCUB20-T2 (Internal)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	DC Ground		

Mechanical specifications	
Connector	4x4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	2680x500x160
Packing size (mm)	3150x745x315
Antenna weight (kg)	45
Installation kit weight (kg)	11.1
Packing weight (kg)	65
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1582/369/1768
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

