

**XXXXXPoI 698~960MHz/1710~2690MHzx2/1710~2690MHzx2 65°/65°/65° 14.5/15/14.5dBi
0°~10°/0°~10°/0°~10° Integrated RCU (Remote Control Unit) Antenna**

Electrical specifications

Frequency Range(MHz)	698~960		1710~2690 × 4			
	698~824	824~960	1710~1920	1920~2200	2300~2500	2500~2690
Polarization	±45°					
Gain (dBi)	13.9	14.5	14.3/13.8 (Bottom/Top)	14.5/14 (Bottom/Top)	14.8/14.3 (Bottom/Top)	15/14.5 (Bottom/Top)
Horizontal 3dB beamwidth (°)	68	63	66	64	62	60
Vertical 3dB beamwidth (°)	17.5	15.6	16.4/14 (Bottom/Top)	14.3/12.6 (Bottom/Top)	12.3/11.1 (Bottom/Top)	11.8/10.3 (Bottom/Top)
Front-to-back ratio (dB)	Typically ≥25					
Cross-polar ratio (dB)	Typically ≥15(±60°≥8)					
Electrical downtilt (°)	0~10		0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	Typically: 0°...5°...10° 18...16...15		Typically: 0°...5°...10° 17...15...15			
VSWR	<1.5					
Isolation: intra-system (dB)	≥25					
Isolation: inter-system (dB)	≥30					
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc					
Impedance (Ω)	50					
Max. power per input (W) @50°C	400		250			
RET Model	TRCU-TQ10P2V01 (Replaceable, Included)					
RET Protocol	AISG 2.0 SRET					
Lightning protection	DC Ground					

Mechanical specifications

Connector	10x4.3-10-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1450x355x165
Packing size (mm)	1785x460x260
Antenna weight (kg)	24
Installation kit weight (kg)	5.5
Packing weight (kg)	33.6
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	598/187/669
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

