

XPoI 698~960MHz 33° 19.8dBi 0°~8° Integrated RCU (Remote Control Unit) Antenna
Electrical specifications

Frequency Range(MHz)	698~960			
	698~803	790~862	824~894	880~960
Polarization	±45°			
Gain (dBi)	18.7±0.4	19.4±0.4	19.6±0.4	19.8±0.4
Horizontal 3dB beamwidth (°)	37±2.9	34±2.4	32±2.2	31±1.8
Vertical 3dB beamwidth (°)	8.5±0.8	8.2±0.7	7.9±0.5	7.6±0.4
Front-to-back ratio (dB)	>29	>29	>28	>28
Cross-polar ratio (dB)	≥18(0°)	≥18(0°)	≥18(0°)	≥18(0°)
Electrical downtilt (°)	0~8			
Sidelobe suppression (dB) (First sidelobe above main beam)	>16	>16	>15	>15
VSWR	≤1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	500			
RET Model	TRCU-TM10P1V01(Integrated, Replaceable)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical specifications

Connector	2×4.3-10 Female
Connector position	Bottom
Height×width×depth (mm)	2580×550×146
Packing size (mm)	2960×655×265
Antenna weight (kg)	38
Installation kit weight (kg)	8.5
Packing weight (kg)	55.6
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1499/552/1675
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

