

XPol 790~960MHz 65° 15dBi 0°~14° Integrated RCU (Remote Control Unit) Antenna.

Electrical specifications			
Frequency Range(MHz)	790~960		
	790~862	824~894	880~960
Polarization	±45°		
Gain at mid tilt (dBi)	14.7	15	15.2
Gain over all tilts (dBi)	14.5±0.3	14.8±0.3	15±0.4
Horizontal 3dB beamwidth (°)	67±2.3	65±2.5	63±2.3
Vertical 3dB beamwidth (°)	15.7±1.2	14.8±0.9	14.2±0.8
Front-to-back ratio (dB)	>25	>24	>24
Cross-polar ratio (dB)	>25(±60°>11)	>25(±60°>10)	>24(±60°>8)
Electrical downtilt (°)	0-14		
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>17	>15
VSWR	≤1.5		
Isolation: intra-system (dB)	≥30		
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	400		
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)	1380×270×140
Packing size (mm)	1735×365×220
Antenna weight (kg)	12.9
Installation kit weight (kg)	5.5
Packing weight (kg)	21.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	437/248/439
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~60
Mounting hardware (mm)	Φ50~Φ115

