

XPol 698~960MHz 65° 16.9dBi 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)	16.1±0.4	16.6±0.4	16.7±0.4	16.9±0.5
Horizontal 3dB beamwidth (°)	71±3.2	69±1.8	68±2.5	65±2.3
Vertical 3dB beamwidth (°)	8.9±0.7	8.2±0.3	8±0.3	7.5±0.3
Front-to-back ratio (dB)	>27	>28	>29	>29
Cross-polar ratio (dB)	>22(±60°> 15)	>21(±60°> 13)	>20(±60°> 14)	>18(±60°> 11)
Electrical downtilt (°)	0-8			
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>18	>17	>17
VSWR	<1.5			
Isolation: intra-system (dB)	>30			
Intermodulation IM3 (2x43dBm 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	2x4.3-10 Female
Connector position	Bottom
Height×width×depth (mm)	2580×300×146
Packing size (mm)	2960×400×280
Antenna weight (kg)	22.7
Installation kit weight (kg)	5.3
Packing weight (kg)	33
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1015/369/1135
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

