

XXXPol 617~894MHz/1695~2690MHzx2 65°/65° 14/17dBi 4°~16°/0°~8° Integrated RCU (Remote Control Unit) Antenna.

Electrical specifications						
Frequency Range(MHz)	617~894			1695~2690x2		
	617~698	698~798	814~894	1695~2200	2200~2490	2490~2690
Polarization	±45°					
Gain (dBi)	12.5	12.9	13.4	15.8	16.3	17
Horizontal 3dB beamwidth (°)	71	69	65	65	64	63
Vertical 3dB beamwidth (°)	17.6	15.2	13	7.8	6.5	5.7
Front-to-back ratio (dB)	≥23	≥25	≥26	≥26	≥25	≥24
Cross-polar ratio (dB)	≥15	≥16	≥15	≥16	≥16	≥16
Electrical downtilt (°)	4-16			0-8		
Sidelobe suppression (dB) (First sidelobe above main beam)	>16			>17		
VSWR	<1.5					
Isolation: intra-system (dB)	≥25					
Isolation: inter-system (dB)	≥28					
Intermodulation IM3 (2x43dBm carrier)	≤-153dBc					
Impedance (Ω)	50					
Max. power per input (W) @50°C	400			200		
RET model	TRCU-TQ10P2V01(Replaceable, Included)					
RET protocol	AISG 2.0 SRET					
Lightning protection	DC Ground					

Mechanical specifications	
Connector	6x4.3-10-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1499x300x146
Packing size (mm)	1835x400x280
Antenna weight (kg)	17.8
Installation kit weight (kg)	5.4
Packing weight (kg)	26.7
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	492/172/584
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

