

XXXPol 617~894MHz/1695~2690MHzx2 65°/65° 15.5/18dBi 2°~14°/0°~8° Integrated and replaceable RCU (Remote Control Unit) Antenna.

### Electrical specifications

Frequency Range(MHz)	617~894			1710~2690x2		
	617~698	698~798	814~894	1695~2200	2200~2490	2490~2690
Polarization	±45°					
Gain (dBi)	14.1	14.7	15.2	16.7	17.2	17.7
Horizontal 3dB beamwidth (°)	69	66	64	65	64	63
Vertical 3dB beamwidth (°)	12.5	10.8	9.6	6.6	5.8	5.1
Front-to-back ratio (dB)	≥22	≥25	≥26	≥26	≥25	≥24
Cross-polar ratio (dB)	≥15	≥16	≥15	≥16	≥16	≥16
Electrical downtilt (°)	2-14			0-8		
Sidelobe suppression (dB) (First sidelobe above main beam)	>16			>17		
VSWR	<1.5					
Isolation: intra-system (dB)	≥25					
Isolation: inter-system (dB)	≥30					
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)	2080x300x146
Packing size (mm)	2465x400x280
Antenna weight (kg)	22.5
Installation kit weight (kg)	5.4
Packing weight (kg)	32.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	731/251/868
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

