

XXXXPoI 1710~2690MHz×4 65° 18dBi 0°~10° Manual or by optional RCU (Remote Control Unit)

Antenna

Electrical specifications				
Frequency Range(MHz)	1710~2170 × 4			
	1710~1880	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	17.3	17.5	17.7	18
Horizontal 3dB beamwidth (°)	67	65	64	63
Vertical 3dB beamwidth (°)	7.2	6.4	5.5	5
Front-to-back ratio (dB)	≥25			
Cross-polar ratio (dB)	≥15(Typically ±60°≥10)			
Electrical downtilt (°)	0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 15...15...14	0°...5°...10° 15...15...14	0°...5°...10° 15...15...13	0°...5°...10° 15...15...13
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	200			
RET Model	TY-ICUB20 (Replaceable, Not included)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	DC Ground			

Mechanical specifications

Connector	8×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1360×620×160
Packing size (mm)	1740×745×315
Antenna weight (kg)	34.5
Installation kit weight (kg)	4.6
Packing weight (kg)	45.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	948/269/1060
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Mechanical tilt (°)	0~10
Radome color	Gray
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

