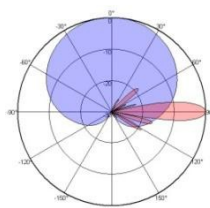


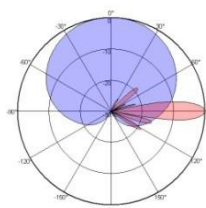
XPoI 790~960MHz 90° 15.9dBi 0°~8° Manual or by optional Replaceable RCU(Remote Control Unit) Antenna

Electrical specifications		
Frequency Range(MHz)	790~960	
	790~896	870~960
Polarization	$\pm 45^\circ$	
Gain (dBi)	15.5	15.9
Horizontal 3dB beamwidth (°)	90	88
Vertical 3dB beamwidth (°)	7.5	7
Front-to-back ratio (dB)	≥ 23	
Cross-polar ratio (dB)	$\geq 15(\pm 60^\circ \geq 10)$	
Electrical downtilt (°)	0~8	
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...4°...8°	0°...4°...8°
	15...15...15	16...15...15
VSWR	< 1.5	
Isolation: intra-system (dB)	≥ 30	
Intermodulation IM3 (2x43dBm carrier)	$\leq -150\text{dBc}$	
Impedance (Ω)	50	
Max. power per input (W) @50°C	400	
RET Model	TY-ICUB20 (Replaceable, Not included)	
RET Protocol	AISG 2.0 SRET	
Lightning protection	DC Ground	

Mechanical specifications	
Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	2580x270x140
Packing size (mm)	2935x365x220
Antenna weight (kg)	23.7
Installation kit weight (kg)	5.5
Packing weight (kg)	34
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	870/286/1034
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	$\Phi 50\sim\Phi 115$



790~896MHz



870~960MHz

