

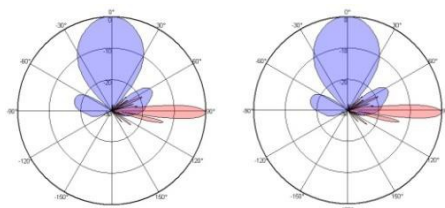
XPoI 790~960MHz 33° 20.4dBi 0°~10° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

| | | |
|---|---------------------------------------|-------------------------------|
| Frequency Range(MHz) | 790~960 | |
| | 790~896 | 870~960 |
| Polarization | ±45° | |
| Gain (dBi) | 19.8 | 20.4 |
| Horizontal 3dB beamwidth (°) | 35 | 32 |
| Vertical 3dB beamwidth (°) | 7.5 | 7 |
| Front-to-back ratio (dB) | ≥27 | |
| Cross-polar ratio (dB) | ≥15(±15°≥10) | |
| Electrical downtilt (°) | 0~10 | |
| Sidelobe suppression (dB) (First sidelobe above main beam) | 0°...5°...10° 16...16...15 | 0°...5°...10° 16...15...15 |
| VSWR | <1.5 | |
| Isolation: intra-system (dB) | ≥30 | |
| Intermodulation IM3 (2x43dBm carrier) | ≤-150dBc | |
| 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) | 2580x500x158 |
| Packing size (mm) | 2970x6 20x330 |
| Antenna weight (kg) | 42 |
| Installation kit weight (kg) | 11.5 |
| Packing weight (kg) | 61 |
| Wind load (N,at 150km/h) Frontal/Lateral/Rearside | 1499/552/1675 |
| Max. wind velocity (km/h) | 216 |
| Radome material | Fiberglass |
| Radome color | Gray |
| Mechanical tilt (°) | 0~10 |
| Operating temperature (°C) | -40~60 |
| Mounting hardware (mm) | Φ50~Φ115 |



790~896MHz

890~960MHz

