

**KBT**

3300-3800MHz 65° 17dBi 0-10° Integrated RET Electrical Tilting Sector Antenna

KB65D3338A4-17D-I

Electrical specifications

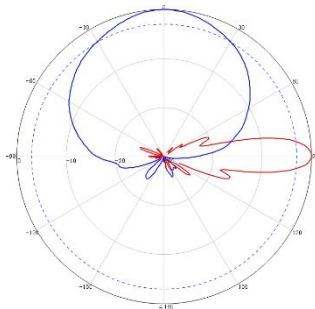
Frequency (MHz)	3300~3800
Polarization	±45°
Gain (dBi)	17.3
Electrical Tilt (°)	0~10
Azimuth Beamwidth (°)	65
Elevation Beamwidth(°)	7
1 st Upper Side Lobe Suppress(dB)	≤-15
Front To Back Ratio (dB)	≥25
Cross-Polar Discrimination (dB)	≥15(±60°≥8)
Isolation(dB)	≥28
Impedance (Ω)	50
VSWR	≤1.5
Maximum Effective Power(W)	150
Lightning Protecting	DC Grounded

Mechanical specifications

Connector	4×N- Female
Connector Location	Bottom
Antenna Size(mm)	900×280×125
Packding Size(mm)	1270×360×260
Antenna Weight (kg)	5.9
Bracket Weight (kg)	3.3
Radome Material	UPVC
Radome Color	Gray
Mechanical Tilt Range (°)	0~15
Operating Temperature (°C)	-40~60
Rated Wind Velocity(m/s)	55
Mounting Kit	JM-1800DZ
Suitable Pole Diameter (mm)	50~110
RET Model	Integrated RCU

Typical pattern

3300-3800MHz: ±45° Pol.

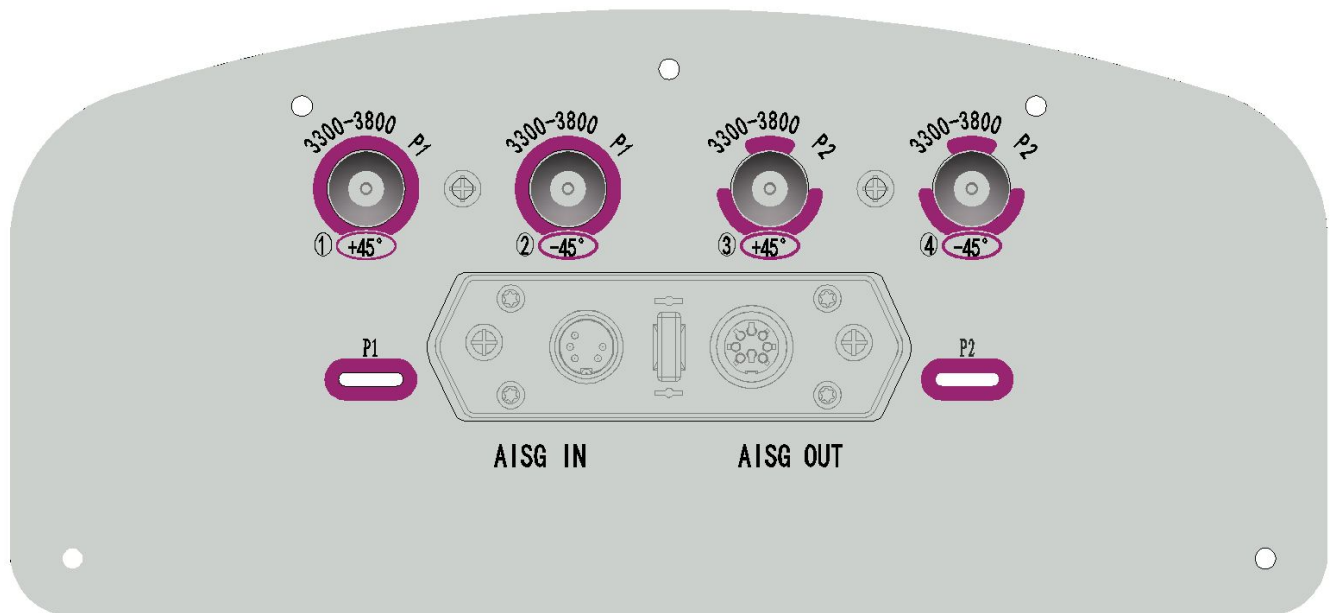


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Appearance and dimension

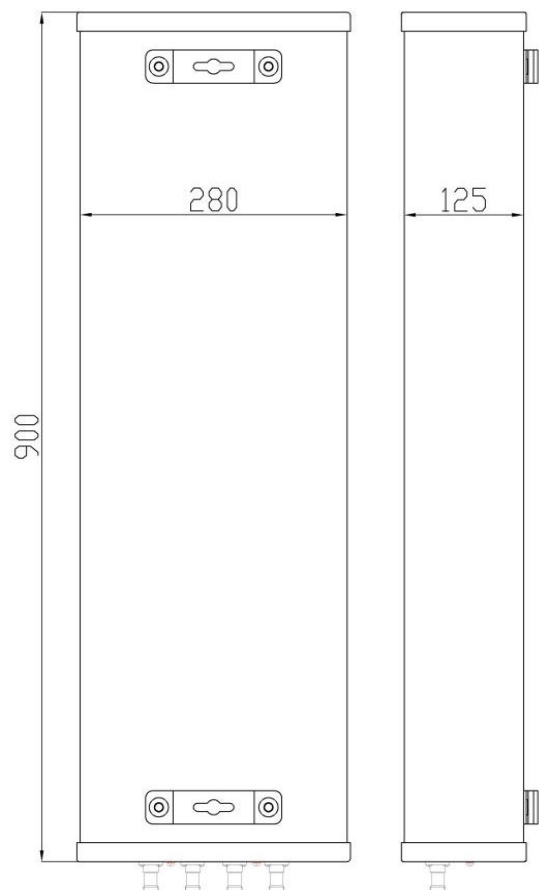
Port Configuration



Antenna Appearance



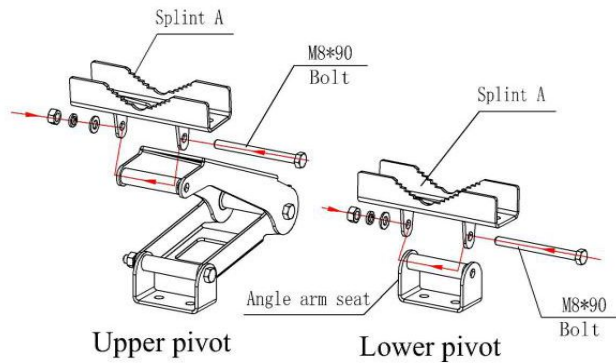
Installation diagram



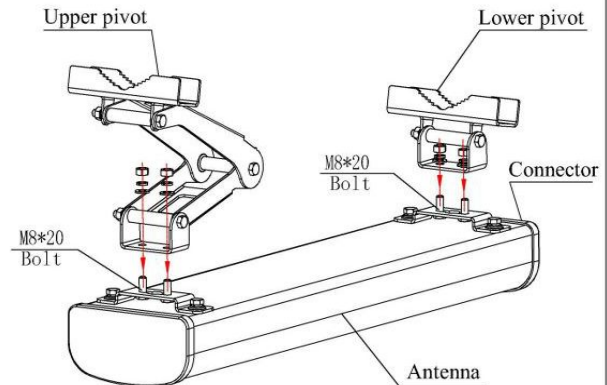
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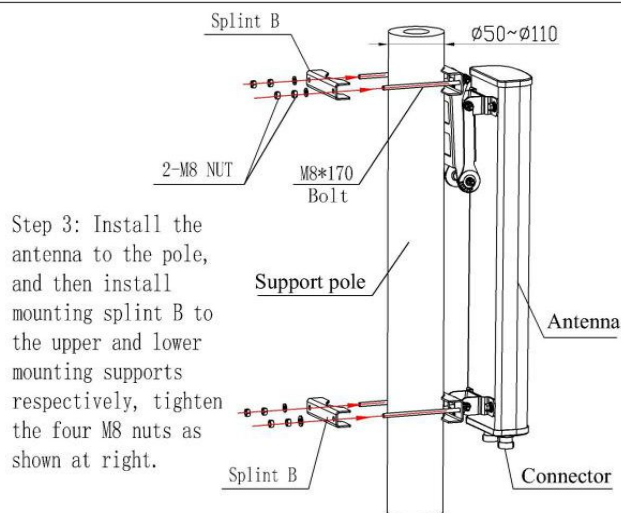
Installation Sketch



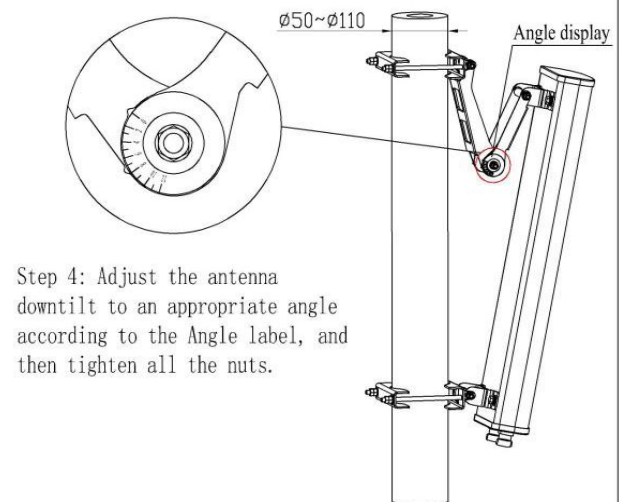
Step 1: Take out the upper and lower mounting support fittings, install splint A to the upper mounting support and Angle arm seat respectively, and pre-lock all nuts to ensure that they do not fall during installation.



Step 2: Install the upper and lower mounting supports to the antenna, and tighten the four M8 nuts as shown on the figure (the above steps must be completed under the tower).



Step 3: Install the antenna to the pole, and then install mounting splint B to the upper and lower mounting supports respectively, tighten the four M8 nuts as shown at right.



Step 4: Adjust the antenna downtilt to an appropriate angle according to the Angle label, and then tighten all the nuts.