

### Performance

#### Basic Parameter

<b>Sight Detection Distance</b>	10km (Typical Situation)
<b>Distance Resolution</b>	30m/45m/60m/75m Optional
<b>Accumulation Time</b>	0.5s/1s/2s/4s/8s Optional
<b>Sight Wind Speed Range</b>	-75~+75 m/s
<b>Sight Wind Speed Accuracy</b>	0.1m/s
<b>Distance Layers</b>	Up To 300
<b>Horizontal Range</b>	360° × n
<b>Vertical Scan Range</b>	-10°~190°
<b>Pointing Accuracy</b>	0.1°
<b>Scan Method</b>	PPI, RHI, DBS, LOS and Programming Scan
<b>Data Output</b>	Profibus DP/Modbus TCP/CAN Optional
<b>Data Network</b>	1000BASE-TX or 4G Remote Access

#### Auxiliary Function

<b>GNSS Function</b>	Support GPS/Beidou
<b>Time Service</b>	NTP Timing or GPS/Beidou Timing

#### Environment Parameter

<b>Operating Temperature</b>	-25~+50°C (Scalable to -40~+60°C), 5%~100% RH
<b>IP Protection level</b>	Housing IP54, Inner Module IP66
<b>Anti-corrosion Grade</b>	C4
<b>Survival Wind Speed</b>	70m/s (Fixed Foot or Wine Rope)
<b>Working Altitude</b>	≤3500m

#### Other Parameter

<b>Operating Power Consumption</b>	≤1kW
<b>Power Supply</b>	110VAC±20% or 220VAC±20%, 50Hz±10%
<b>Dimensions</b>	800mm*650mm*1130mm
<b>Weight</b>	≤150kg



### Schematic Diagram of 3D Scanning Doppler Wind Lidar

