

## STI-DSIR50-H1AG

### Scan Imaging Radar

Scanning imaging radar can scan 2D 360° to achieve functions such as static target detection, point cloud data output, space scan imaging, volume and weight computing output in the space range, and is not subject to severe environmental impacts such as rain, dust, and light. It can be used to detect volume, evaluate weight, and scan contours in coal, cement, sandstone, etc., to achieve industrial intelligentness and digitization, and provide technical support for building intelligent production later.

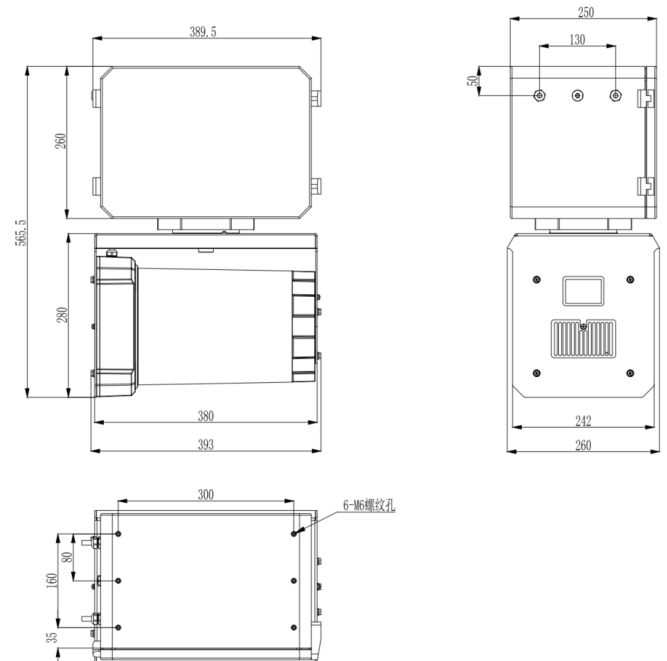
#### Product Advantage:

- 2D axial 360° scanning for target high-precision imaging.
- Angle beam angle is small, the measurement is more accurate, and the detection distance is more remote.
- The max. detection distance is 50 meters. It is suitable for large-scale devices or long-range detection.

RS485 and network interface communication are supported by

- , enabling real-time output of point cloud targets.
- Work all-day and are not affected by weather, light, temperature, dust, etc.

\*Pictures are for reference only





**Order Model:**

**STI-DSIR50-H1AG Scanning Imaging Radar**

Wiring: Power Cord, 485 Wiring Harness, Ethernet

**Technical Parameters:**

Parameter	Model <b>STI-DSIR50-H1AG Scanning Imaging Radar</b>
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System Parameters	Antenna Angle	1.6°
	Horizontal Scanning	360°
	Vertical Scanning	270°
	Function Distance	≤50m
	Distance Measurement Accuracy	±2.5 cm
	Imaging Time	≥ 30 sec
	Data Protocol	Private Protocol
Product Parameters	Working Voltage	160V to 240V AC
	Power Consumption	≤40W
	Working Temperature	-40°C to +85°C
	Protection Level	IP65
	Product Material	Aluminum/Plastic/Stainless Steel
	Weight	≤ 20 Kg
Size	Shape Size	544.5mm*406mm*250.3mm(L*W*H)