

## FEATURES

- Multi-Radar Linkage for Multiple PTZs
- Alarm Area, Warning Area, Warning Line, Shield Area Can Be Set up
- Support Alarm Pop-Up Window, Voice Prompt, and Other Alarm Prompt Options
- A Single Radar Can Display More Than 10 Target Information Simultaneously
- The Radar Supports POE/POE+ Power Supply
- Both Radar and PTZ Support I/O Alarm Interface, Which Can Be Linked With Sound and Light Alarm Equipment
- IP66, Adapt to Rain, Snow, Haze, Dust, Smoke, and Bad Weather
- The Radar Adopts Intelligent Algorithm, Accurate Detection, Effective Filtering of Swaying Trees, Insects, Etc. Reduce False Alarm



## SPECIFICATIONS

### Radar Characteristics

Radar Sensor	FMCW
Radar Output Data	Distance, Direction, Angle
Transmit Frequency	61.2~61.5GHz
Refresh Rate	10Hz
EIRP	22dBm
Power Consumption	3W

### Detection Performance

Target Identification	Small Animals, People, Vehicles
Recognition Pattern	Radar Triggers An Alarm, Linkage Video Review
Detection Range ( Pedestrian )	1~196 Ft
Detection Range ( Vehicle )	1~196 Ft
Detection Accuracy	±1.64 Ft
Detection Resolution	2.19 Ft
Speed Range	1.64 Ft / Sec. ~ 98.42 Ft / Sec.
Speed Accuracy	.09 Ft / Sec.
Angle Accuracy	±1°
FOV	Azimuth: 120°, Elevation: 22°

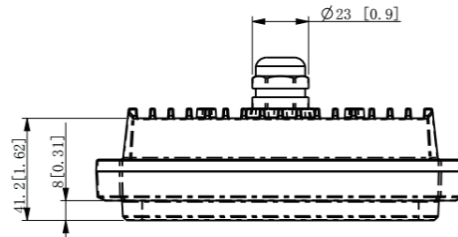
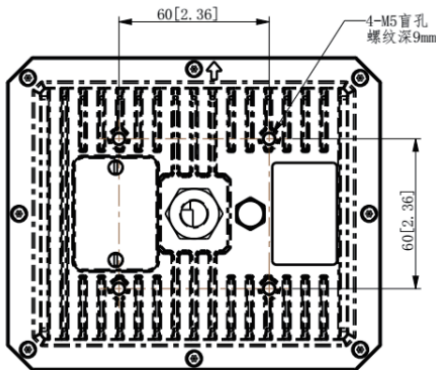
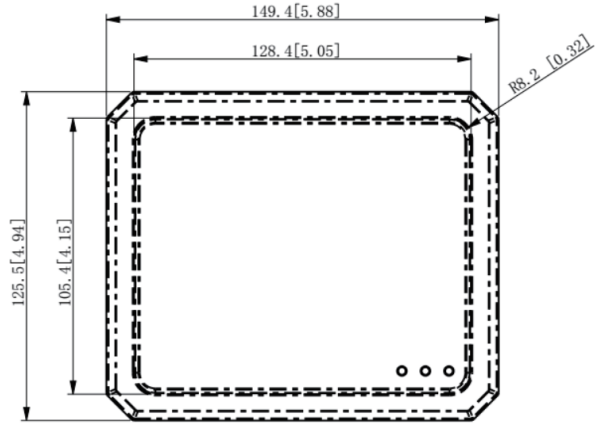
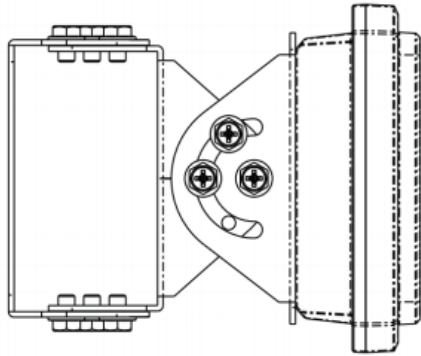
### Hardware Characteristics

Communication Protocol	UDP, TCP, RS-485
Network Interface	1 RJ45 10M/100M (POE)
Alarm Interface	2CH Output, 1CH Input
RS-485	Support
Relay	2CH Output

### Physical Characteristics

Power Supply	12VDC/PoE (IEEE802.3af)
Working Temperature	-40-167°F
Storage Temperature	-40-185°F
Dimension	5.88 in x 4.94 in x 1.77 in
Protection Grade	IP66

## DIMENSIONS



② Generally, the radar antenna plane shall be installed vertical to alert area in order to guarantee the precision of the radar; besides, it needs to be installed at a certain height, which normally is recommended to be 1~3m.

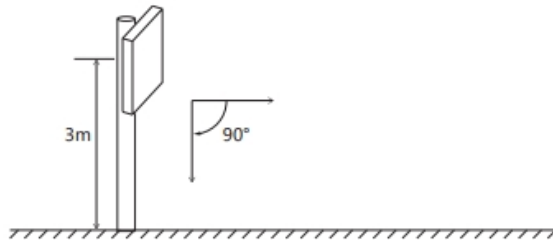


Fig.2-5

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## SYSTEM TOPOLOGY

