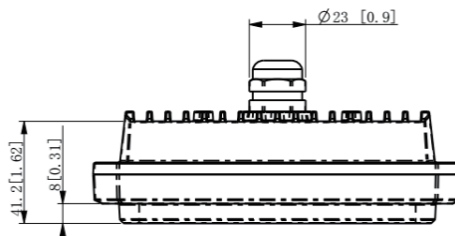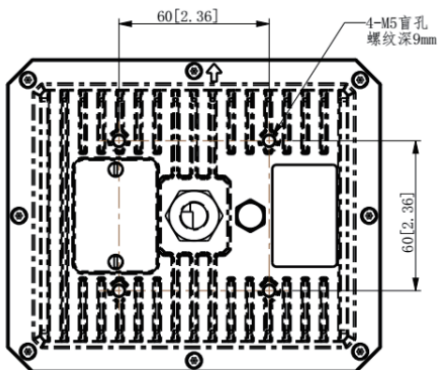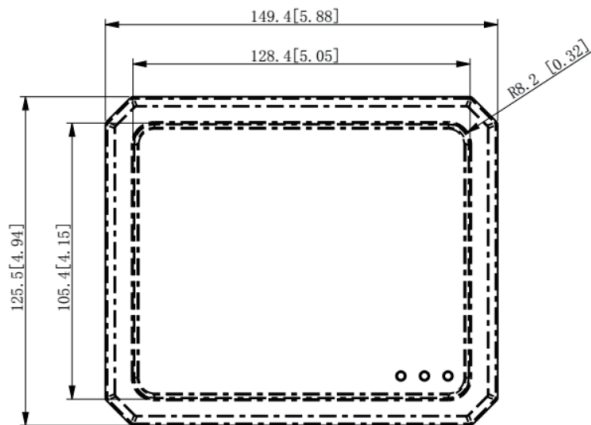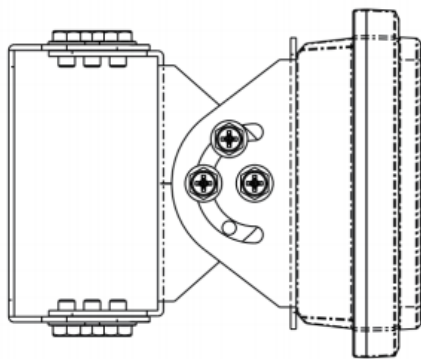# MoviSight

MS-7R60A
Wide Area Radar

Dimensions (mm)

Specification

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)	1~60m
Detection Range (vehicle)	1~60m
Detection Accuracy	±0.5m
Detection Resolution	0.67m
Speed Range	0.5m/s~30m/s
Speed Accuracy	0.03m/s
Speed Resolution	0.06m/s
Angle Accuracy	±1°
FOV	Azimuth: 120°, Elevation: 22°
Hardware Characteristics	
Communication Protocol	UDP, TCP, RS485
Network Interface	1 RJ45 10M/100M (PoE)
Alarm Interface	2ch input, 1ch output
RS485	Support
Relay	2
Physical Characteristics	
Power Supply	12VDC/PoE (IEEE802.3af)
Working Temperature	-40~75℃
Storage Temperature	-40~85℃
Dimension	149.4×125.5×45.2mm
Protection Grade	IP66