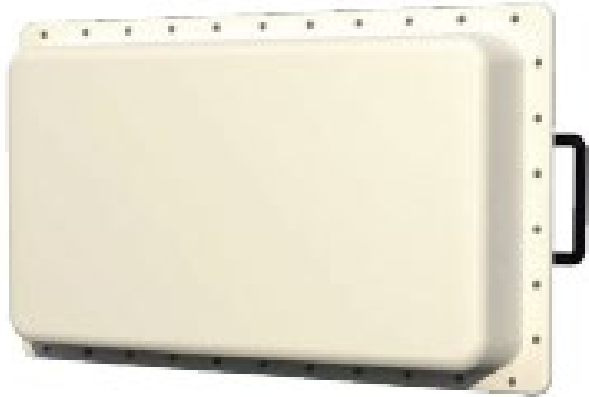




MS-7RD9120-3D

LONG-RANGE 120° - 360° 3D
RADAR SYSTEM



Features

- Digital beamforming radar technology for highly reliable all-weather detection and tracking of all target types
- Target classification to distinguish among humans, animals, vehicles, aircraft, and drones for alarming on targets of concern, avoiding nuisances
- 3D antenna to measure elevations of targets for effective detection and classification of Group 1 and larger drones
- Seamless integration with cameras, VMS, success control, audible alarms, security lights, drones, command-and-control systems, and kinetic and electronic counter-measure systems
- Customizable alarm zones with automatic response triggers
- Wide-area coverage minimizes infrastructure costs
- Solid state system with no moving parts.

MoviSight®

Specifications:

Architecture:	Simultaneous Multiple Beams
Processing Type:	Pulsed Doppler
Frequency Band:	S(3.0 to 3.3GHz)
Range Resolution:	10 or 20m (adjustable)
Selectable Frequency Bands:	6 calibrated
Instrumented Range:	15km
	Detection Ranges;
	Large Aircraft: 15Km
	Vehicle: 13km
	Walker: 8km
Drone: 5km	
Azimuth FOV:	120°
Elevation FOV:	12.5°

Software Defined Update Rate:	1Hz - 5Hz
Minimum Detectable Velocity:	0.25-1mph
Weight:	40.8kg
Dimensions:	91.4cm x 53.3cm x 22.9cm
Power Draw:	200W
Operating Temperature:	-20°C to +60°C
Component Temperature:	-40°C to +85°C
Heating/Cooling	Passive
IP Rating	IP66

