

360°

Thermal Panoramic Scan Radar

MS-7WU6xx Series

Uncooled 640×512



Militar Custom Series



PRODUCT HIGHLIGHTS



AI



Visualized
panorama



Wide-area
scene



Real-time
search



Multi-target
trajectory



Virtual electronic
fence



Intelligent PTZ
camera linkage



All time



Adaptability to
harsh environ-
ments



Low power
consumption



Lightweight and
easy to deploy



HD picture
quality

APPLICATION SCENARIOS



Coastal and maritime surveillance



Border security surveillance



Oil and gas pipeline surveillance



Perimeter surveillance



Critical infrastructure protection

TECHNICAL DATE

Product type		MS-7WU655	MS-7WU675
Detector type		Uncooled	
Detector resolution		640×512	
Focal length		55mm	75mm
Panoramic image resolution		28792×512	39200×512
Scanning speed		180°/s	133°/s
Horizontal FOV		360°	
Vertical FOV		6.4°	4.7°
Vertical adjustment range		-20°~+35°	
Ingress protection		IP66	
Dimension (L×W×H)		327×260×377mm	382x260x386mm
Weight		17kg	20kg
Max. Operating temperature range		-40°C ~+ 70°C	
Power supply		DC 30V 5A	
Avg. Power consumption		< 30W	
Detecting distance	UAV (450mm)	1km	1.5km
	People (1.7m)	1.5km	2km
	Vehicle (4m)	3km	4km
	Boats (8m)	6km	8km

