

# 360°

## Thermal Panoramic Scan Radar MS-7WU12xx Series

Uncooled 1280×1024



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 DATA

Product type		MS-7WU1255	MS-7WU1275
Detector type		Uncooled	
Detector resolution		1280×1024	
Focal length		55mm	75mm
Panoramic image resolution		28792×1024	39200×1024
Scanning speed		180°/s	164°/s
Horizontal FOV		360°	
Vertical FOV		12.7°	9.4°
Vertical adjustment range		-20°~+35°	
Ingress protection		IP66	
Dimension (L×W×H)		382x260x386mm	
Weight		20kg	
Max. Operating temperature range		-40°C ~+ 70°C	
Power supply		DC 30V 5A	
Avg. Power consumption		< 35W	
Detecting distance	UAV (450mm)	1km	1.5km
	People (1.7m)	1.5km	2km
	Vehicle (4m)	3km	4km
	Boats (8m)	6km	8km

