

# 360° Infrared Panoramic E.O.S

Uncooled 640×512



## 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                     |               | SilentW-U655  | SilentW-U675  |
|----------------------------------|---------------|---------------|---------------|
| 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 | 382×260×386mm |
| 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           |

