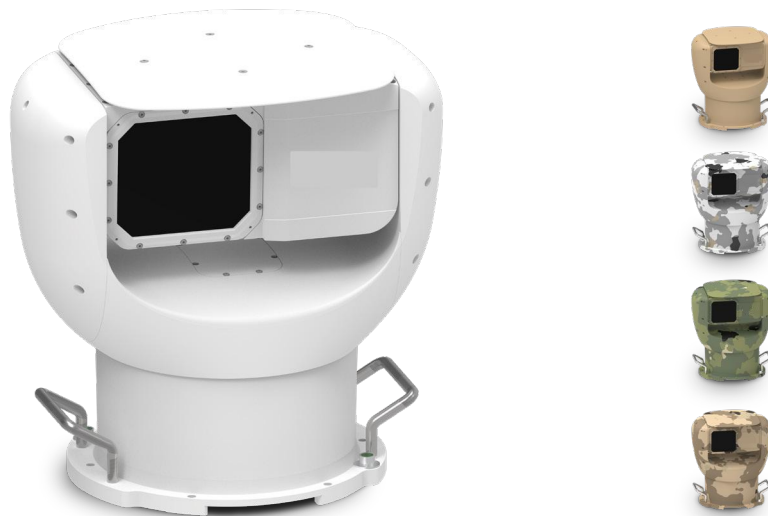














# 360° Infrared Panoramic E.O.S

Uncooled 1280×1024



## PRODUCT HIGHLIGHTS

|   |  |   |  |   |   |
|---|--|---|--|---|---|
| <br>AI                             | <br>Visualized panorama | <br>Wide-area scene                    | <br>Real-time search      | <br>Multi-target trajectory        | <br>Virtual electronic fence |
| <br>Intelligent PTZ camera linkage | <br>All time            | <br>Adaptability to harsh environments | <br>Low power consumption | <br>Lightweight and easy to deploy | <br>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-U1255 | SilentW-U1275 |
|----------------------------------|---------------|---------------|---------------|
| 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           |

