Scanned Panoramic Electro-Optics (EO) System has a wide area coverage with a fast revisit rate for near real-time persistent surveillance. It can be deployed for protection of key installation and assets as well as surveillance of border and coastlines.

**KEY FEATURES**

- Wide field of view coverage (up to 120°)
- Fast revisit rate to capture fast maneuvering objects
- 24/7 Operation
- Standalone operation or integrated with PTZ camera for quick investigation of detected objects
- Accommodate different type of cameras (Shortwave IR, Midwave IR, Longwave IR, Low-Lux Day CCD/CMOS)
- Fixed and mobile installation (Tower, Mast, Pole, Tripod, etc)
- Local operation or remotely operated via C2 (Command and Control)
- User-friendly interface
- Integrated with STELOP 360 Manager to enable auto object detection and tracking
SPEOS-UC50
SPECIFICATIONS

<table>
<thead>
<tr>
<th>SPEOS-UC50 with 360 Manager</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detector Type</td>
<td>Uncooled Microbolometer</td>
</tr>
<tr>
<td>Array Format/Field of View</td>
<td>4600 x 480 Pano (90°)</td>
</tr>
<tr>
<td>Effective Resolution</td>
<td>6150 x 480 Pano (120°)</td>
</tr>
<tr>
<td>Field of View</td>
<td>2.2MP (90°)</td>
</tr>
<tr>
<td>IFOV (Horizontal)</td>
<td>2.95MP (120°)</td>
</tr>
<tr>
<td>Pixel Pitch</td>
<td>90° x 9.3° Pano</td>
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<tr>
<td></td>
<td>120° x 9.3° Pano</td>
</tr>
<tr>
<td></td>
<td>0.341 mRad</td>
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<td></td>
<td>17μm</td>
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</tbody>
</table>

Detection Range

- Swimmer
- Small Vessel
- Big Vessel

360 Manager

- Panoramic View: Capable of panning to see full coverage
- Auto Object Detection:
  - Detects both static and moving objects
  - Detected object range and direction estimation

Map View: With detected object location and direction

Investigative Camera: Can be integrated with ONVIF PTZ camera

Note: STELOP reserves the right to alter design, dimensions, specifications and manufacture as deemed necessary to ensure continuous product improvement.

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