VERONTE GIMBAL PRO

GENERAL DESCRIPTION

Gimbal Pro is an outstanding visible spectrum and IR camera for the most demanding applications. Autostabilised with 2 degrees of freedom, it includes a Full HD visible spectrum camera with a very powerful optical zoom, a high sensitivity infrared camera, and an advanced video processing board. Gimbal Pro makes it possible to detect, recognise and identify vehicles and people several kilometres away.

APPLICATIONS

- Border Control
- Surveillance
- Agriculture
- Law Enforcement
- Defence
- Wildlife Control

MAIN FEATURES

- Auto Stabilization
- Full HD 1080p
- RGB & IR Cameras
- 30x Optical Zoom
- Artificial Vision
- Video Streaming
## SPECIFICATIONS & HIGHLIGHTS

<table>
<thead>
<tr>
<th>Features</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal Field of View</td>
<td>2.3° – 63.7° (EO)</td>
</tr>
<tr>
<td>Slew rate</td>
<td>180°</td>
</tr>
<tr>
<td>Elevation</td>
<td>360° continuous</td>
</tr>
<tr>
<td>Azimuth</td>
<td>360° continuous</td>
</tr>
<tr>
<td>Image Stabilization</td>
<td>High-speed encoder–controllerd gimbal</td>
</tr>
<tr>
<td>Image Size</td>
<td>1920x1080 – 60FPS (EO)</td>
</tr>
<tr>
<td>Sensor</td>
<td>2.8 – type Exmor (EO)</td>
</tr>
<tr>
<td>Infrared Spectrum</td>
<td>7.5 – 13.5μm</td>
</tr>
<tr>
<td>Thermal Sensitivity</td>
<td>NEdT &lt;50mK</td>
</tr>
<tr>
<td>Zoom</td>
<td>30x Optical (EO)</td>
</tr>
<tr>
<td>Optical Aperture Size</td>
<td>F/1.6 – F/4.7 (EO)</td>
</tr>
<tr>
<td>Focal Length</td>
<td>4.3 – 129mm (EO)</td>
</tr>
<tr>
<td>Weight</td>
<td>Size</td>
</tr>
<tr>
<td>Interfaces</td>
<td>Can Bus Control</td>
</tr>
<tr>
<td>Artificial Vision</td>
<td>Target Tracking, Moving obstacle detection, Video stabilization ...</td>
</tr>
<tr>
<td>Power Input</td>
<td>24 VDC (18 to 26 VDC)</td>
</tr>
</tbody>
</table>

## DIMENSIONAL DRAWING

![Dimensional Drawing](image)