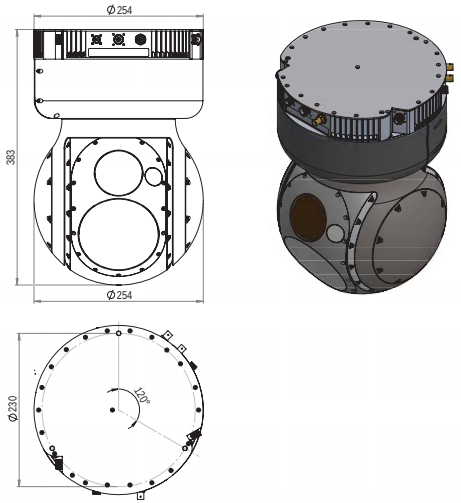
Technical Specification

Gimbal System	Four axis gyro stabilised fully integrated geared and direct drive gimbal solution
Stabilization	< 25 µrad verified at MIL-specified vibrations up to 4.6G rms.
Dimensions / Weight	254 mm diameter x 342 mm height, 12 Kg
Pan/Tilt Range	Infinite range if payload does not require extending snout (sliprings in both axes)
Slew Rate	Up to 120 °/sec maximum slew rate
Control Interface	2 x RS485 & 2x RS-232 for user interaction and external heading/position source
Video Interface	HD-SDI, Ethernet, Component, CVBS (PAL or NTSC)
Feedback Performance	0.036° ± 0.1° typical encoder resolution/accuracy, 200 Hz update rate
Power Requirements	18 -36 Vdc, 70 W (typical)
Temperature	0 °C to +50°C operational, -20 °C to 85 °C storage, option: -40 °C to +50°C operational
Accessories	Hand Control Unit, cable kits, heli-mounts, video recorder, video converters, etc.

Technical Drawing



Sensors

EO Camera

Resolution	1920 x 1080
Field of View	2.3 - 64°

IR Camera

Type	Cooled
Resolution	640 x 512
Field ov View	2.0 - 25°

Optional IR camera

Type	Uncooled
Resolution	640x480
Fiel of View	4.1 - 25.3°

Laser

Laser Range Finder	12 km
Laser Illuminator / Pointer	>4 km

Features

- Multi Target Video Tracker
- Geo Position and Geo Tracking
- KLV Meta data
- On board recording
- H264 Encoding
- Moving Target Indicator
- Camera Blending
- Image Enhancements
- Fiber Optics Gyros
- GPS Receiver with Heading
- Autofocus
- MIL-STD-810G / RTCA DO160 / IP66
- ITAR FREE

Range Charts