



GREMSY

ORUS^L

**AN EO/IR/LRF PAYLOAD
WITH FULL CUSTOMIZATION CAPABILITY
FOR THIRD-PARTY EXTENSION**



ORUS L

FACTS & FEATURES

- NIGHT VISION EO SENSOR
- IP55 RATING FOR WATER AND DUST RESISTANCE, ENSURING RELIABLE PROTECTION IN CHALLENGING ENVIRONMENTS.
- DEVELOPED FOR NDAA COMPLIANCE.
- OPEN FOR CUSTOM APPLICATIONS AND THIRD-PARTY ACCESS
- OBJECT TRACKING (VISION/THERMAL CAMERA)
- AI OBJECT DETECTION (VISION/THERMAL CAMERA)



QUICK SPECS

Payload Weight	~1504g ± 15g
EO Camera	1/1.8 - type STARVIS 2 CMOS Sensor Resolution: 4k/60p output Video: 2160p/60 Optical Zoom: 25x Digital Zoom: 12x Night Vision Super Image Stabilizer
IR Camera	COIN612; Frame Rate 60Hz; Thermal Range 20°C to 550°C; Fixed, Athermal, 19 mm; Digital zoom: 1x - 8x zoom; Formats JPEG / MP4
Laser Rangefinder	2400m
IP Rating	55
SOM	Jetson Orin NX 16GB Module AI Perf: 100 TOPS GPU: 1024-core NVIDIA Ampere architecture GPU with 32 Tensor Cores CPU: 8-core Arm® Cortex®- A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3
Operating temperature	-20 ~ +50 °C
Video Stream	HDMI/Ethernet (Image retrieval and gimbal/sensors control via Ethernet)

TYPICAL APPLICATIONS



Inspection



Intelligence
Surveillance
Reconnaissance



Public Safety

