



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

~1493g ± 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

NDAA: Flir Boson 640, 31.3° (FOV) 14 mm
<20 mK (Industrial); <30 mK (Professional)
Digital zoom: 1x - 8x zoom
Video: 640x512

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

