




GREMSY

ORUS^L

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

Standard & 



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	ORUS L (STANDARD)	ORUS L (NDAA)
Payload Weight	~1504g ± 15g	~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	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	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	2400m
IP Rating	55	55
SOM	Jetson Orin NX 16GB Module <ul style="list-style-type: none"> • 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 	Jetson Orin NX 16GB Module <ul style="list-style-type: none"> • 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	-20 ~ +50 °C
Video Stream	HDMI/Ethernet <i>(Image retrieval and gimbal/sensors control via Ethernet)</i>	HDMI/Ethernet <i>(Image retrieval and gimbal/sensors control via Ethernet)</i>

TYPICAL APPLICATIONS



Inspection



Intelligence
Surveillance
Reconnaissance



Public Safety

