

LYNX SPECS

V1.1

	NDAA	STANDARD
Feature	Night Vision	
	AI Object Tracking & Detection	
Application	Drone as First Responder (DFR)	
	Public Safety	
	Inspection/ Surveillance	
EO	1/2.3-type CMOS Sensor – Approx. 12.3M pixels	
	1x to 10x digital HFOV: 60° WFOV – 6° DFOV	
	Video: 3840 x 2160 (4K@30fps)	
IR	POWERED BY FLIR BOSON 640	POWERED BY THERMAL CORE
	Photo: 640 x 512	Photo: 640 x 512
	Video: 640 x 512 @ 60Hz	Video: 640 x 512 @ 60Hz
	Fixed Focus, 32° (HFOV) 14 mm (EFL)	Fixed Focus, 32° (HFOV) 14 mm (EFL)
	Digital Zoom: 8x Zoom	Digital Zoom: 8x Zoom
Total Setup Weight	190 Grams	235 Grams
Supported Drone Platforms	Pixhawk/ CubePilot	
Communications	UART Ethernet UDP	
	Streaming resolution: 1080p @60fps	
HDMI Video Stream	HDMI (HDMI cables should be kept under 50cm for best performance)	
Operating Temperature	-20 ~ 50°C	

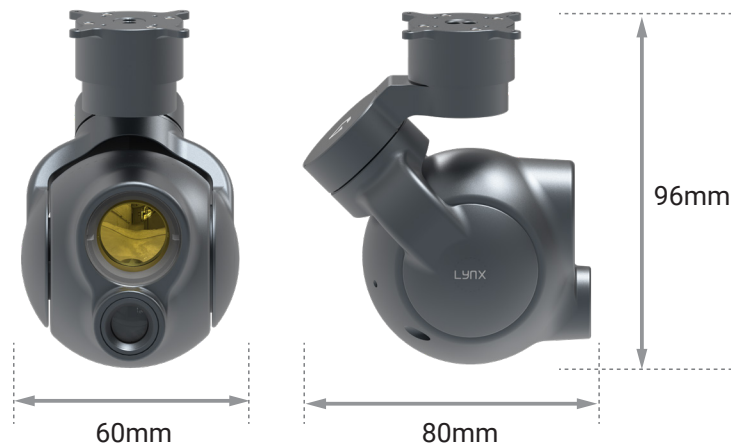


LYNX
GREMSY SMALLEST ISR PAYLOAD



LYNX

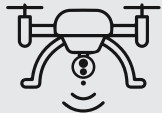
Gremsy introduces its unique, ultra-lightweight ISR payload, the smallest in its payload ecosystem. It features night vision and high resolution EO sensor with 10x zoom, an integrated FLIR Boson Plus thermal core, and a newly upgraded, high-performance mainboard solution, with total setup weights of 190g for the NDAA-compliant model and 235g for the standard version.



TYPICAL APPLICATIONS



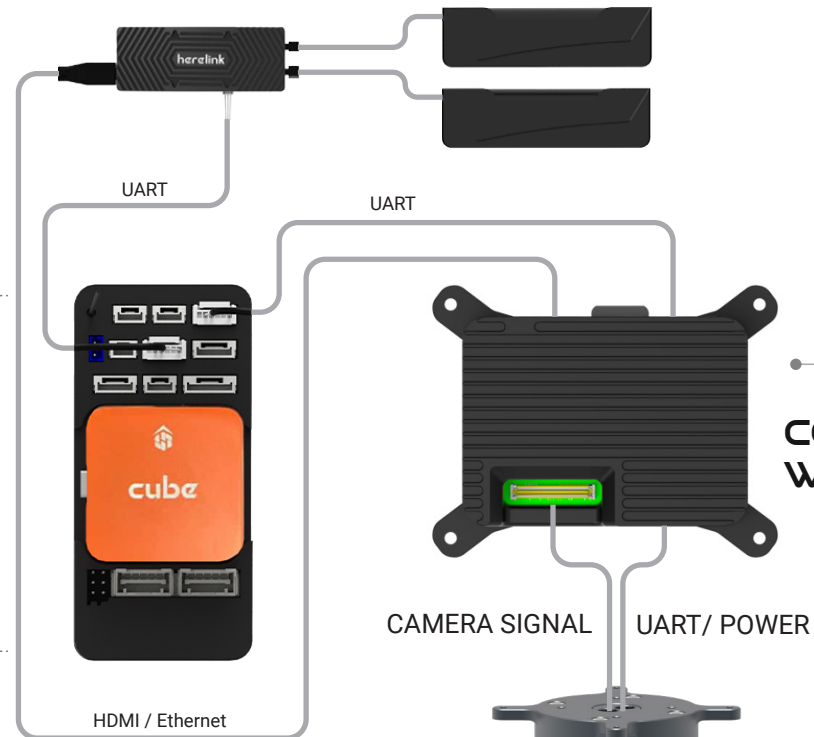
PUBLIC
SAFETY



DRONE AS
FIRST RESPONDER



INSPECTION
SURVEILLANCE



LYNX MAINBOARD SOLUTION



CONNECTION DIAGRAM WITH GREMSY MAINBOARD

MAINBOARD KEY FEATURES

- PIP Streaming over HDMI/Ethernet.
- Control Camera and Gimbal via MAVLink.
- AI Object Detection and Tracking.
- Equipped with built-in internal storage (memory) and external SD card support for payload data.