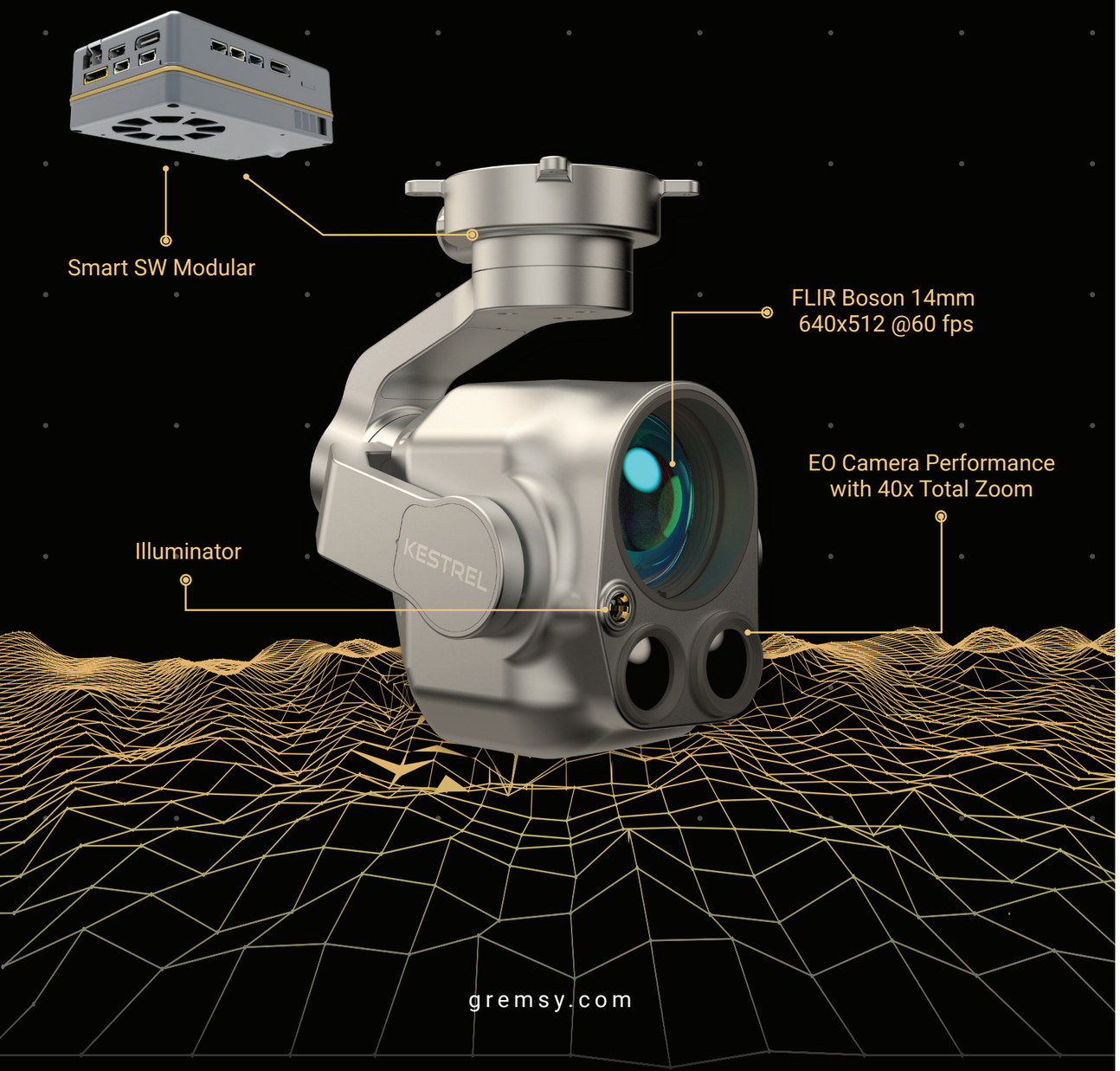
GREMSY

KESTREL

BUILT SMALL.THINK TACTICAL.

THERMAL BY FLIR | NDAA COMPLIANT | ASSEMBLED IN USA



GENERAL SPECS

EO Camera	Visible: 400-700 nm
	Resolution: 1080x720
	Zoom : 40x (20x + 2x digital) continuous zoom
	HFOV: 56 WFOV -> 2.8 TFOV -> 1.4 DFOV
	Video Record: 4K @ 60 fps bit rate adjustable
IR Camera	FLIR Boson 14mm
	Resolution: 640x512
	Zoom: 8x digital Super Resolution
	HFOV: Fixed Focus 32°
	Video Record: 640×512 @ 60 fps
Set up weight (payload + mainboard)	288g (±5)
Dimensions (W x D x H)	57 x 78 x 88 mm *(Dimensions are rounded values and subject to manufacturing tolerances)*
Drone Platforms	Pixhawk/ Cube Pilot
Autopilot Platforms	ArduPilot/ PX4
Operating Temperature	-20°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
IP Rating	IP54
Sleep Mode	Yes
Power Input	6 - 27 VDC Up to 52 VDC
Illuminator	Yes
EMC	EMI CISPR32 Class A
Gimbal Controllable Range	Pan: ±165° Roll: ±30° Tilt: -130° to 40°

*** All specifications are subject to change without notice.*

