

LWIR THERMAL IMAGING CAMERA

AtlasVISORFF

60 MK. 640 × 480 AT 30 FPS. ITAR-FREE.

A 271 g thermal gimbal camera reading to 60 mK across the long-wave band, at 640 × 480 and 30 frames a second.

A 13 mm f/1.0 lens covers 32° by 24°, with 10× digital zoom and a choice of palettes. Live video leaves as H.264 over RTSP or MPEG2-TS with STANAG 4609 metadata, recordings land on microSD under AES-256, and it works from -40 °C to +55 °C. Built in the EU and free of ITAR.


[VIEW PRODUCT PAGE](#)
60 mK

NETD

640 × 480

At 30 fps

8 – 14 μm

Spectral range

271 g

With gimbal

-40 °C

Lower limit

THERMAL

Sixty millikelvin

A 13 mm f/1.0 lens over a long-wave sensor reading 8 – 14 μm at 60 mK, covering 32° by 24° with 10× digital zoom.



ONE MOUNT

On and off in seconds

The detachable Atlas payload mount on a stabilised gimbal — the same fitting across the fleet, 271 g all in.



IN THE AIR

Flies on AtlasPRO

Mounted under an AtlasPRO it sits inside the 350 g payload budget and works down to -40 °C.



ITAR-FREE

Built in the EU

No ITAR restrictions on export or use. AES-256 on the card, STANAG 4609 metadata on the stream, and TFLC recordings for the Atlas Thermal Player.

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

LWIR thermal imaging camera

PHYSICAL

Dimensions (w × l × h)	93 × 73 × 99 mm
Weight, with gimbal	271 g
Mount	Detachable, Atlas payload mount
Ingress protection	IP44 (designed as)

THERMAL IMAGING

Lens	13 mm f/1.0
Field of view	32° horizontal, 24° vertical
Digital zoom	10×
NETD	60 mK
Spectral range	LWIR, 8 – 14 µm
Colour palettes	White-hot, black-hot, rainbow and others

OPERATIONAL ENVIRONMENT

Operating temperature	–40 °C to +55 °C
Storage temperature	–40 °C to +65 °C



VIDEO AND STILLS

Max video resolution	640 × 480
Max photo resolution	640 × 480
Video framerate	30 fps

RECORDING AND OUTPUT

Encryption	AES-256
Metadata, position	GPS coordinates and direction
Metadata, sensor	Altitude, angle, date and time
Live stream	H.264 over RTSP/RTP, MPEG2-TS
Live stream metadata	STANAG 4609 for MPEG2-TS
Recording	TFLC with metadata, for Atlas Thermal Player
Snapshots	JPEG
Storage	microSD up to 64 GB, UHS-I

See AtlasVISORFF in action

Book a live demonstration or talk to our team about pricing and availability.

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