

HIGH-DEFINITION 4K CAMERA

AtlasKALOS

4K AT 30 FPS. 12× HYBRID ZOOM. 199 G.

A 199 g gimbal camera that records and streams 4K at 30 frames a second, with 3× optical and 12× hybrid zoom.

A 12.71 MP 1/2.3" sensor behind a 3.85 – 13.4 mm lens covers 78.6° down to 25.9°. Footage goes out as RTSP or MPEG2-TS and onto microSD under AES-256, with STANAG 4609 metadata written into every recording. It mounts on the same detachable fitting as the rest of the Atlas payloads.


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4K

At 30 fps

12×

Hybrid zoom

3×

Optical zoom

199 g

With gimbal

IP44

Ingress protection

OPTICS

Three times optical, twelve hybrid

A 3.85 – 13.4 mm lens at f/2.4 – 5 over a 12.71 MP sensor, covering 78.6° down to 25.9°.



ONE MOUNT

On and off in seconds

The detachable Atlas payload mount on a stabilised gimbal — the same fitting across the fleet, 199 g all in.



IN THE AIR

Flies on AtlasPRO

Mounted under an AtlasPRO it uses a fraction of the 350 g payload budget, leaving room to spare.



RECORDING

Encrypted, tagged, standard

AES-256 on the card, STANAG 4609 metadata in every recording and live stream, and MP4 or MPEG2-TS out over RTSP.

SPECIFICATIONS

TECHNICAL SPECIFICATIONS

High-definition 4K camera

PHYSICAL

Dimensions (w × l × h)	106 × 69 × 102 mm
Weight, with gimbal	199 g
Mount	Detachable, Atlas payload mount
Ingress protection	IP44 (designed as)

OPTICS

Image sensor	12.71 MP 1/2.3" CMOS (Sony IMX377)
Lens	3.85 – 13.4 mm
F-number	f/2.4 – 5
Field of view	78.6° to 25.9° horizontal
Optical zoom	3×
Digital zoom	4×
Hybrid zoom	12×

OPERATIONAL ENVIRONMENT

Operating temperature	–20 °C to +50 °C (–30 °C to +50 °C optional)
Storage temperature	–20 °C to +70 °C



VIDEO AND STILLS

Max video resolution	3840 × 2160
Max photo resolution	3840 × 2160
Video framerate	30 fps
Video encoding	H.264 / H.265

RECORDING AND OUTPUT

Encryption	AES-256
Metadata, position	GPS coordinates and direction
Metadata, sensor	Altitude, angle, date and time
Video metadata format	STANAG 4609 (recording and stream)
Video container format	MP4, MPEG2-TS
Video stream format	RTSP, MPEG2-TS
Snapshots	JPEG
Still image metadata	EXIF
Storage	microSD up to 64 GB, UHS-I

See AtlaskALOS in action

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

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