

FULL HD 20× HYBRID ZOOM CAMERA

AtlasARGUS

20× HYBRID ZOOM. 10× OPTICAL. 243 G.

A 243 g gimbal camera built around reach: 10× optical and 20× hybrid zoom, recording and streaming Full HD at 30 frames a second.

A 3.3 – 33.0 mm lens at f/1.8 – 3.4 narrows from 59.2° to 6.7°, so a target stays in frame as the aircraft stands off. Footage goes out as RTSP or MPEG2-TS and onto microSD under AES-256, with STANAG 4609 metadata written into every recording.


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20×

Hybrid zoom

10×

Optical zoom

1080p

At 30 fps

243 g

With gimbal

IP44

Ingress protection

REACH

Ten times optical, twenty hybrid

A 3.3 – 33.0 mm lens at f/1.8 – 3.4, narrowing from 59.2° to 6.7° so a distant subject still fills the frame.



ONE MOUNT

On and off in seconds

The detachable Atlas payload mount on a stabilised gimbal — the same fitting across the fleet, 243 g all in.



IN THE AIR

Flies on AtlasPRO

Mounted under an AtlasPRO it sits well inside the 350 g payload budget, standing off while the zoom does the work.



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

Full HD 20× hybrid zoom camera

PHYSICAL

Dimensions (w × l × h)	106 × 80 × 102 mm
Weight, with gimbal	243 g
Mount	Detachable, Atlas payload mount
Ingress protection	IP44 (designed as)

OPTICS

Image sensor	4 MP 1/3" CMOS
Lens	3.3 – 33.0 mm
F-number	f/1.8 – 3.4
Field of view	59.2° to 6.7° horizontal
Optical zoom	10×
Digital zoom	2×
Hybrid zoom	20×

OPERATIONAL ENVIRONMENT

Operating temperature	–20 °C to +60 °C (–30 °C to +50 °C optional)
Storage temperature	–20 °C to +60 °C



VIDEO AND STILLS

Max video resolution	1920 × 1080
Max photo resolution	1920 × 1080
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 or Class 10

See AtlasARGUS in action

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

[ATLASUAS.COM/ATLAS/CONTACT](https://atlasuas.com/atlas/contact)