

GROUND CONTROL STATION

AtlasSTATIONPRO

1000 NITS. 10 KM RANGE. IP54 CERTIFIED.

A rugged control station with an 11-inch 1000-nit touchscreen, twin sticks and a 10 km link to the Atlas fleet.

Two 5 dBi antennas in 2 × 2 MIMO carry video and control at up to 1 W, with 200 ms of latency at 1080p30. A 37 Wh pack runs it for two and a half hours in flight mode, and a 50 W heater with active cooling keeps it working from -20 °C to +55 °C behind an IP54-certified shell.


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11-inch

Touchscreen

1000 nits

Brightness

10 km

Link range

2.5 h

In flight mode

IP54

Certified

DISPLAY

Readable in full sun

An 11-inch multi-touch screen at 2388 × 1668 and 1000 nits, with a stick either side of it.



RANGE

Ten kilometres, 2 × 2 MIMO

Two 5 dBi antennas transmitting up to 1 W across 2.2 – 2.7 GHz, reaching 10 km line of sight at 200 ms.



ALL WEATHER

Certified to IP54

An IP54 shell tested to IEC 60529, with a 50 W heater and active cooling, working from -20 °C to +55 °C and down to -30 °C as an option.



ONE CONTROLLER

Flies the whole fleet

AtlasPRO, AtlasMICRO, AtlasA1, the AtlasROVER ground vehicle and the AtlasNEST docking station, all from the same screen.



SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Ground control station

PHYSICAL

Dimensions (w × l × h)	287.2 × 230.6 × 35.9 mm
Weight	1734 g
Ingress protection	IP54 Certified (IEC 60529)

DISPLAY

Screen	11-inch, 2388 × 1668 at 264 ppi, 1000 nits
Controls	Multi-touch screen, twin sticks

BATTERY AND POWER

Battery	10 000 mAh 3.7 V (37 Wh) lithium-polymer
Battery life	Up to 2.5 h in flight, 5 h in mission planner
Charger	100 – 240 V, 50 – 60 Hz
DC input	14 – 30 V barrel jack, 50 W max

ENVIRONMENT AND THERMAL

Operating temperature	–20 °C to +55 °C (–30 °C to +50 °C optional)
Storage temperature	–20 °C to 45 °C up to 3 months, 25 ±3 °C beyond
Built-in heater	Up to 50 W
Cooling	Active



COMMUNICATIONS

Operating frequency	2.2 – 2.7 GHz
Transmit power	Up to 1 W (30 dBm)
Antenna	5 dBi, 2 × 2 MIMO
Max transmitting distance	Up to 10 km, line of sight
Data encryption	WPA3 SAE (CCMP)
Wireless connection	802.11 a/b/g/n, 5 GHz, 150 Mbit/s, WPA2
Wired connection	100Base-T Ethernet (RJ-45), passive PoE
I/O ports	RJ45, HDMI type A, USB type A, 2 × SMA female

VIDEO AND CONTROL LINK

Transmission system	Mesh V2.0
Live view quality	1080p30 / 720p60 / 720p30
Latency	200 ms

COMPATIBILITY

Platforms	AtlasPRO, AtlasMICRO, AtlasAI, AtlasROVER, AtlasNEST
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See AtlasSTATIONPRO

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

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