

AtlasRELAY

UAV Relay Radio Module

FOR N-VLOS OPERATIONS

- Can be used for BVLOS flights
- Increase range and capacity
- Share footage to multiple devices
- Encryption/ Frequency hopping/ MESH

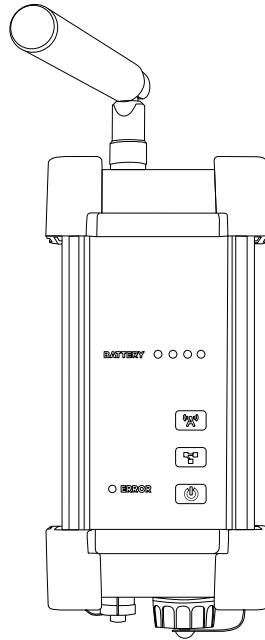


SPECIFICATIONS

www.atlasuas.com

Atlas RELAY Radio Module

Atlas Radio Module is a part of communications link between Atlas UAVs and ground control station. It features an RF module which provides communication link with UAV and 5GHz 802.11n WiFi or IEEE 802.3u 10/100M Ethernet for wired connection to ground control station.



Dimensions:	87.5 x 188 x 53.5 mm / 3.4" x 7.4" x 2.1"
Operating Frequency:	2.2 - 2.7 GHz
Transmit Power:	Up to 1W (30dBm)
Data Encryption:	WPA3 SAE (CCMP)
Antenna:	AAA200000R01 AAA300000R01 AAA500000R01
Max Transmitting Distance: (unobstructed, free of interference)	Up to 10 km LOS / Up to 6.2 mi LOS
Wireless Connection:	802.11 a/b/g/n, 5 GHz, 150 mbit/s, WPA2
Wired Connection:	1 x 100 Base-T Ethernet port (RJ-45), supports passive PoE
RF Connector:	1 x TNC female
Ingress Protection Rating:	IP45
Charger:	Charging device 100-240V 50-60Hz., DC Barrel Jack 14-30V, 50W max
Battery:	10000 mAh 3.7V (37Wh) lithium-polymer battery
Operating Temperature Range:	-20°C to +55°C (-30°C +50°C) / -4°F to 131°F (-22°F to 122°F)
Storage Temperature:	-20°C to 45°C up to 3 months / -4°F to 113°F up to 3 months 25 +/-3°C more than 3 months / 77 +/-5°F more than 3 months
Battery Life:	5 - 8 hours
Supported Aircraft Models:	AtlasPRO
Weight:	800 g / 28 oz

All product specifications are subject to change without notice