

Ground Control Station

Supports 3 RF control bands:

- 377 - 595 MHz
- 750 - 1020 MHz
- 2.2 - 2.6 GHz

VTX: 5.3 - 6.0 GHz

Additional supported frequencies:

3.3 GHz
OR
1.2 GHz

- Triversity
- Dual Video Receivers (VRX)
- Swivel Mechanism
- Compact Design
- Rapid Deployment
- Equipped with Surveillance Camera

Specifications:

Operational Range: 20 + km

Payload: up to 2 kg

Endurance
without payload: up to 40 min
with 1 kg payload: up to 24 min
with 1.5 kg payload: up to 18 min
with 2 kg payload: up to 14 min

Cruising speed: 80 km/h

Max speed: 150 km/h

ADLER AEROSPACE



MODUS 120

- Capable of operating under EW conditions
- Redundant Safety Features
- Integrated Plug-and-Play Battery
- Initiation Board
- On / Off Button
- Manufacturability
- Serial Production and standardized components
- Modular Design
 - Hot swappable optical modules
- Universal payload mounting attachment
- Compact size
- Payload up to 2 kg

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COMMUNICATION

Video

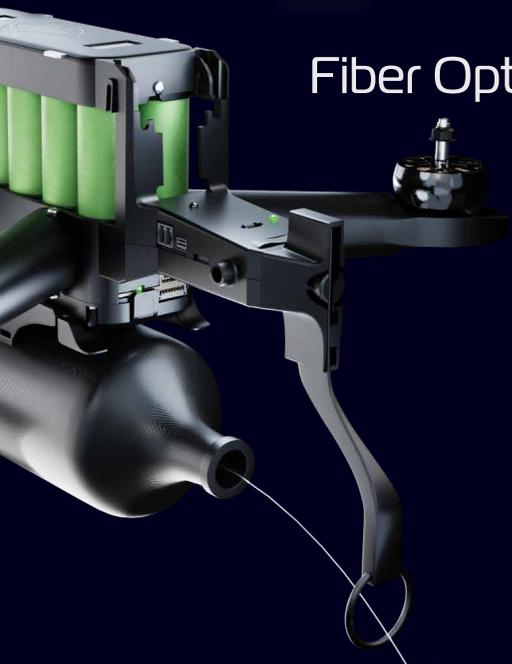
VTX: 4.9 - 6.0 GHz
Optional:
3.3 GHz or 1.2 GHz



Control

3 RF control bands:

- 377 - 595 MHz
- 760 - 1020 MHz
- 2.2 - 2.6 GHz



Fiber Optic Cable

OPTICAL MODULES

Low-light / Day-light Camera

Delivers high visibility in low-light conditions while preserving detail



AI Night Camera

Integrated AI module enhances image processing for clear nighttime surveillance



Thermal Imaging Camera

Uncooled vanadium oxide sensor operating in the 8-14 μm IR wavelength providing high-resolution thermal imaging



Digital Camera

Digital VTX integrated in module



QUICK PAYLOAD FASTENING



fixed in one second



* Fiber optic version

TRANSPORTATION

8 drones in one package



1 drone ready to fly