

The BLOS-10 is a hybrid DataLink solution built around the Starlink Mini device, enabling seamless global connectivity via the Starlink satellite constellation.

Designed to complement existing cellular DataLinks, the BLOS-10 intelligently bonds up to four SIM cards with satellite connectivity, ensuring resilient, uninterrupted communications. The cellular segment provides a secure VPN, creating a local, encrypted network among all connected devices, and delivers up to 100 Mbps throughput with low latency.

This dual-technology approach—combining satellite and cellular links—offers a highly reliable, cost-effective communication solution for demanding operational environments.

Engineered for outdoor deployment, the BLOS-10 features a single rugged connector for both data and power, and is available with multiple mounting options, making it ideal for use in harsh and mobile conditions.



KEY FEATURES:

- Compatible with Starlink Mini.
- Integration with BLOS-04.
- Low latency.
- Creation of virtual LAN between different BLOS-10 units.
- Built-in router with VPN.
- Waterproof.
- Designed for integration in aircraft.

CHARACTERISTICS

NETWORK

Supported Data: Up to 100 Mps
Interface: 1x Ethernet 10/100 Mb
Internal Router: With VPN (optional)

POWER

Power Supply Range: 10 to 36 V DC
Power Consumption: 100 W

GENERAL

Compatible with: STARLINK Mini

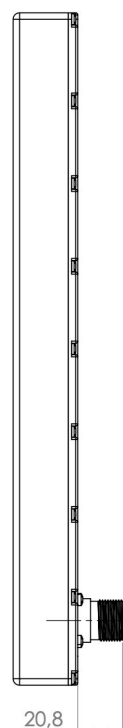
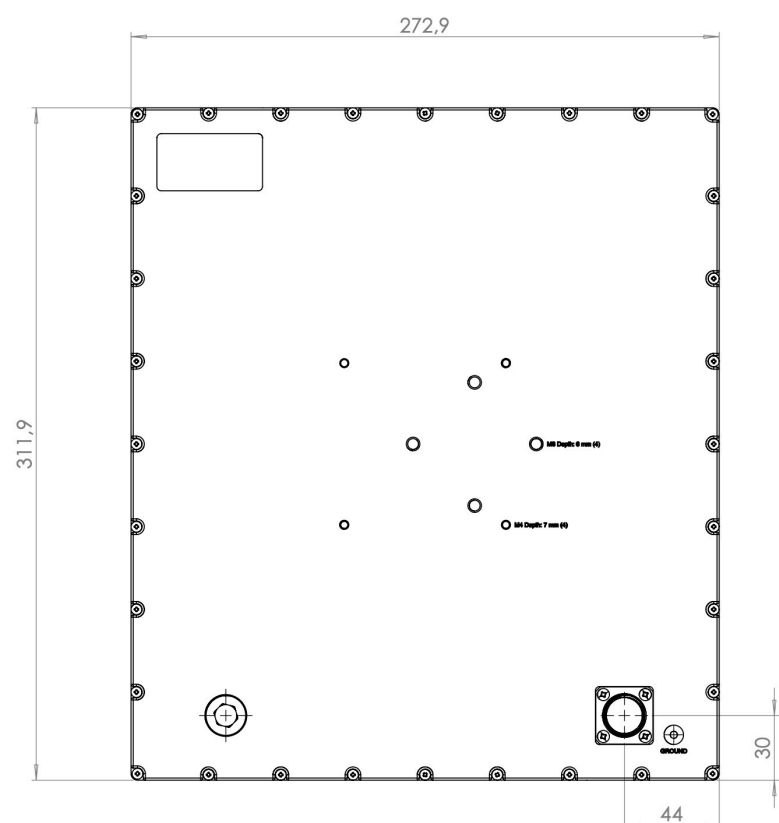
MECHANICAL

Connector: D38999, 13 Pins
Weight: 2,5 Kg
Size: 273 x 312 x 30 mm (without connector)
Installation: Compatible with:
– Airfilm Camera Systems DT-1-1
– Dart Aerospace Crosstube Antenna Mount Kit

ENVIRONMENTAL

Protection: Waterproof (IP67)
Gore Pressure Valve

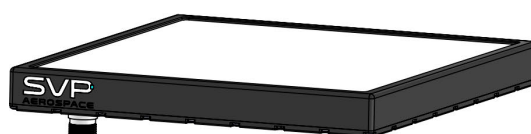
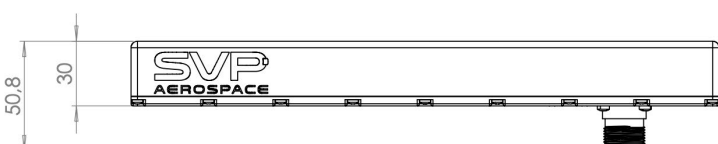
MECHANICAL DIMENSIONS & HOW TO ORDER



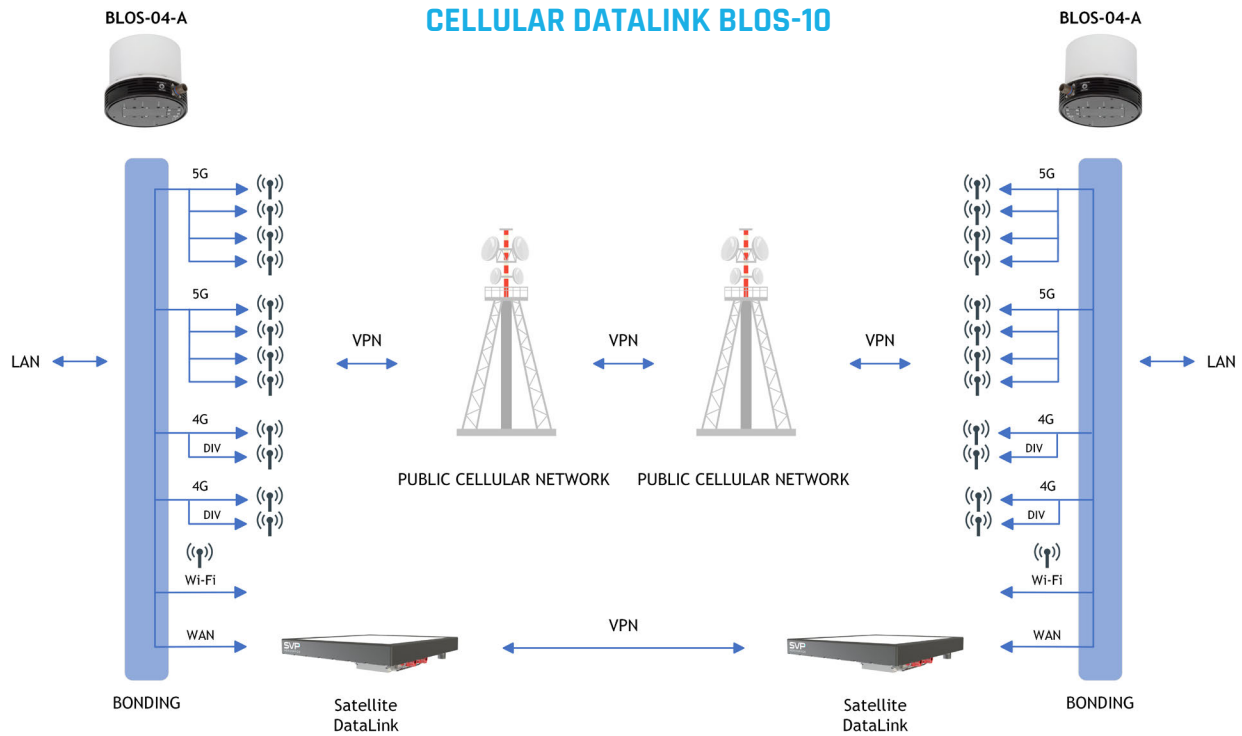
P/N Example: BLOS-10-V

BLOS - 10 - V

V = With VPN Router (Data-Link)
I = Without VPN (Internet Access)



APPLICATIONS



CELLULAR AND SATELLITE DATALINK

