



bey AIR-SOLO

Industrial-Grade 4G LTE VPN Terminal

RUGGED 4G LTE VPN TERMINAL WITH ADD-ONE FEATURES

For Drones, UAM and Unmanned Systems

*END-TO-END VPN SOLUTION OPTIMIZED SPECIALLY FOR REMOTE
INSPECTIONS, LOGISTICS, SECURITY AND SURVEYING APPLICATIONS*

beyAIR-SOLO BENEFITS

- Worldwide LTE, UMTS/HSPA+ Coverage
- MIMO Technology Meets Demands for Data Rate and Link Reliability in Modern Wireless Communication Systems
- Delivers up to 150 Mbps Downlink and up to 50 Mbps Uplink
- Multi-Constellation GNSS (GPS, GLONASS, BeiDou, Galileo) Receiver Available for UTM Applications
- Redundant SIM Slots for Multiple Carriers and Failover
- Terminal Block for Secure Power Supply
- Add-On 4-Port Ethernet Switch and Autopilot Interface
- Add-On Short-Range Data Links with Automatic Switchover
- Add-On Iridium and Inmarsat Link Failover

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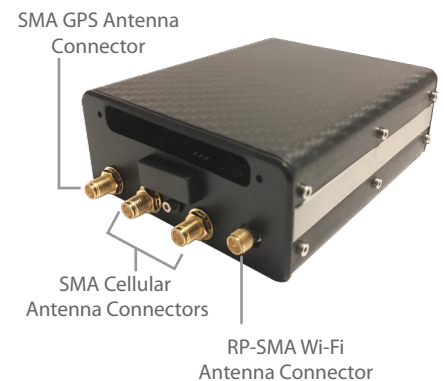
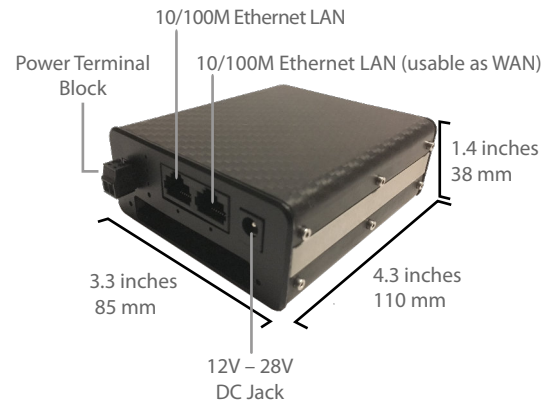
A New, Affordable Cellular VPN Terminal for Large-Scale Drones, Urban Air Mobility and Unmanned Systems Fleets

At last - an affordable, industrial-grade LTE VPN Terminal for air, ground, sea and sensors deployments. From 3G to LTE, the beyAIR-SOLO supports a wide range of cellular standards and worldwide frequencies to meet your every need. A variety of autopilots and flight control systems, including MAVLink based, are supported with the internal add-on boards or through external interfaces.

Failover between redundant SIM slots comes standard with the beyAIR-SOLO. But if you need more failover options, you can also get the failover add-on feature which enables serial based Iridium and Inmarsat satellite backup, Ethernet WAN for IP based long-range data links and onboard Wi-Fi as short-range datalink.

Specifications

	beyAIR-SOLO VPN Terminal
WAN Interface	1x 10/100M Ethernet Port 1x Embedded LTE Modem with Redundant SIM Slot
LAN Interface	1x 10/100M Ethernet Port
Wi-Fi Data Link	802.11b/g/n Wi-Fi WAN or AP
VPN Link	Site-to-Site VPN 256-bit AES Encryption Pre-shared Key Authentication VPN QoS
LTE Modem	Downlink/Uplink Datarate: 150Mbps/50Mbps
Cellular and GPS Antenna Connector	2x SMA Antenna Connectors 1x SMA GPS Antenna Connector 1x Wi-Fi Connector
Power Input	DC Jack/Terminal Block: 12V – 28V DC Passive PoE Input (WAN Port, 12V – 28V DC)
Power Consumption	12W (max - without Add-on Boards)
Dimensions	4.3 x 3.3 x 1.4 inches 110 x 85 x 38 mm
Weight	0.39 pound 180 grams
Operating Temperature	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)
Certifications	FCC, CE, RoHS, E-Mark, IC EN 61373: Shock and Vibration Resistance EN 50155: Railway Applications EN 61000: Electromagnetic Compatibility
Warranty	1-Year Limited Warranty



Qualified to work with

