



Comms On The Move

Transportable, Ruggedized, Mobile

Reliable tactical communications depend on infrastructure solutions that work even in the harshest environments. When your organization operates in places that are completely disconnected from the rest of the world, you need SATCOM hardware that can withstand everything nature and people throw at it.



STORM V3

Ruggedized Starshield/Starlink SATCOM



The STORM V3 is a ruggedized fully integrated Starshield or Starlink SATCOM terminal providing a mobile hotspot that can utilize SD-WAN to select between cellular, Wi-Fi or satellite networks for optimization, failover or balancing.

The CopaSAT STORM V3 is a **transportable, ruggedized, mobile SATCOM solution**. This exclusive configuration allows for ruggedized **Starshield** or **Starlink** satellite antennas with embedded power and Cradle Point for ultimate high-performance Communications On The Move, Communications On The Pause, or stationary applications.

The STORM V3 offers many additional options for maximum flexibility and usability.

Potential Users & Applications

- MRZR
- Rapid Deployment Teams
- Defense
- Government
- Oil/Mining
- Maritime
- Vehicular
- Emergency Response Teams
- Law Enforcement





Situational Awareness Redefined

- Global Starshield/Starlink satellite coverage.
- Ruggedized embedded Starshield or Starlink antenna built to meet MIL-STD-810H.
- LEO Data rates up to 220Mbps Downlink/25Mbps uplink.
- Supports Communications On The Move (COTM), Communications On The Pause (COTP), or stationary applications.
- Portable, ruggedized, reliable, one-button connectivity built to operate in the most extreme environments.
- No commissioning on LEO—simple access with service plan.
- Automatically provisions and acquires the satellite with no pointing or time-consuming set up.
- Overcome challenges associated with requirements to remain connected at high speeds, even across rough terrain or seas.
- Fully integrated/ruggedized Starlink/Starshield SATCOM terminal.
- Customized communication solutions designed to meet your requirements and specifications.
- One person carry
- Meets airline checked luggage standards.
- Uses SD-WAN to select between cellular, Wi-Fi or satellite networks for optimization, failover or balancing.
- Multiple power input options.

Storm V3 Starshield/Starlink Terminal



Specifications

Frequency Band	
Transmit	14.0 GHz–14.50 GHz
Receive	10.70 GHz–12.70 GHz
Composition	
Integrated Router	Ethernet Switch/WiFi
Cradlepoint	WiFi/LTE
Environmental & Reliability	
Latency-LEO	50ms
MIL-STD	Designed to meet MIL-STD-810H
Water Infiltration	Designed to meet IP68
Operating Temperature	-30°C to +55°C
Physical	
STORM V3 COTM	
Dimensions	23" x 20" x 2 & 3/4 "
Weight	< 30 lbs (13.6 Kg)
Mounting Options	<ul style="list-style-type: none">• 1/4-20 threads• Magnet• Suction Cup
Power	
Input DC	12–36 VDC
Input AC	100–240 VAC, 50/60 Hz
Solar Input	18–25 VDC, 10A max
BB-2590 Battery Input	24 VDC
Vehicle Power	12–28 VDC
Output	Optional 12 VDC output
USB Charging	Optional USB/USB-C 30W output
Power Consumption	110–150W (COTM)
Network Interfaces	
<ul style="list-style-type: none">• Up to three 10/100/1000 Mbps RJ 45 ports Ethernet ports• External SIM card access• Management (Smart Phone GUI, M&C, Web UI/REST interfaceable)	
STORM V3 Options	
<ul style="list-style-type: none">• LTE WAN capable / WiFi access point• Fly-away transit case• MRZR mount• Suction cup mounts• Magnetic mounts• Tripod• Multiple color options	

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