

RUGGED!+™ (LPU) LIGHTNING PROTECTION UNIT

RUGGED!+™ LPU - 38999 UNIVERSAL MOUNT



PRODUCT OVERVIEW

Stay connected when it matters most. Protect your Power over Ethernet powered equipment from lightning strikes or other power surges. The RUGGED!+™ Lightning Protection Unit (LPU) can handle PoE connections up to 60VDC @ 100 Watts. Real power – real protection.

KEY DEPLOYMENT ADVANTAGES

- 01** RUGGED!+™ IP66/67 RUGGEDIZATION
- 02** AVAILABLE IN DESERT TAN OR OLIVE DRAB GREEN
- 03** DESIGNED TO SUPPORT PoE ENABLED BACKHAUL RADIOS, PTZ CAMERAS AND SENSOR PODS.
- 04** DESIGNED FOR TACTICAL OPERATORS
- 05** LIGHTWEIGHT ALUMINUM PACKAGING OF LESS THAN 4 LBS.
- 06** UNIVERSAL AMPHENOL 38999 CONNECTOR AND PG-16 CABLE GLANDS

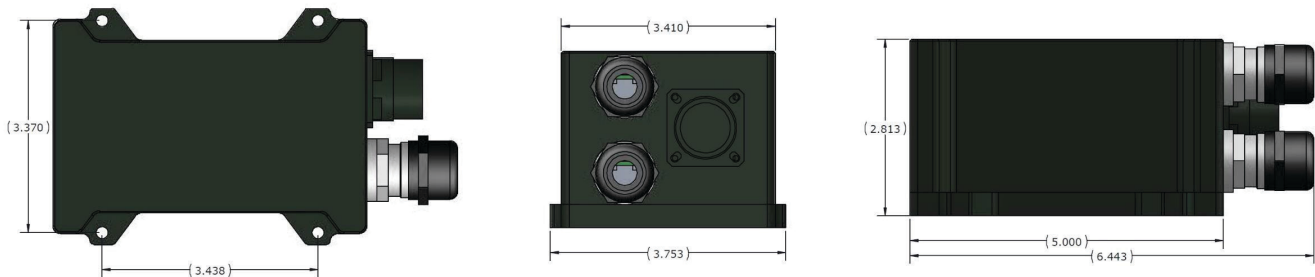
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PROTECTION YOU CAN TRUST

Terra Ferma has deployed tactical & telecommunications radios and hardware around the world. We've achieved unparalleled degrees of scalability for both commercial and Government markets. Based on our experience, we've developed an outdoor rated Lightning Protection Unit- the RUGGED!+™ LPU. Our Wireless Broadband solutions are IP66/67 ruggedized to operate in the toughest environments.

The Lightning Protection Unit (LPU) is designed to protect microwave backhaul radios and other high end PoE enabled equipment from the harmful effects of power surges by nearby lightning strikes. Lightning strikes are the most typical cause of system outages or failures of mast-mounted equipment, especially when mounted as high as 300m. The high-speed, high-current solid-state device is enclosed in a rugged metal enclosure to protect against high winds (150mph) and the elements.



RUGGED!+ TECHNOLOGY

TerraFerma's trademarked RUGGED!+™ construction and finishing maintain product integrity in extremely harsh environments. We expect optimal performance to be achieved in the toughest manufacturing and tactical climates in the world.

TACTICAL ADVANTAGE

We created the RUGGED!+™ technology to prevent outages in tactical hot zones across the globe. Whether in the high desert or intense manufacturing facilities, we've already thrived there.

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TECHNICAL SPECIFICATIONS

Model #	TF-MIL-100W-ODG Olive Drab Green TF-MIL-100W-TAN Desert Tan
Communications	10/100/1000 Ethernet
Material Finish	Aluminum with stainless steel hardware / green paint (FED STD 595C, 34094) over chemical conversion coating
Power Pass Through	40V-60VDC @ 100W - RS485 Multi-Drop
Data Connectors	Line In: RJ-45 through PG-16 Cable Gland(s) (Included) Line Out: Amphenol D38999/26WD35PN Receptacle, Amphenol D38999/26WD35SN Plug (or equivalent)
Indicators	None
Mounting	Direct bolt upright or inverted
Physical Dimensions	6-1/2" length x 3-3/4" width x 2-7/8" depth
Weight	3.4 lbs. (1.54kg)
Environmental	IP66/67
Operational Temp	40°C to 60°C (-40°F to 140°F)
Survival	40°C to 70°C (-40°F to 158°F)

TERRA FERMA, LEADING INDUSTRIAL IoT

For more than 10 years, Terra Ferma's engineers have been involved in increasingly sophisticated communications projects. As these projects branched into new sectors, the need for new, more capable products were realized. Terra Ferma was developed to fill this growing need and has brought power products for communication systems to a new level and a broader market.

GET A FREE QUOTE

For additional information and a free quote please contact your
TERRA FERMA Sales Representative.

Or reach us online at TerraFerma.com