RUGGED!+™ (PoE) POWER OVER ETHERNET SWITCH

RUGGED!+™ PoE SWTICH - UNIVERSAL MOUNT

PRODUCT OVERVIEW

Establish an instant infrastructure. Whether remotely monitoring energy usage, road, and rail networks, border patrol or water treatment facilities, oil rigs or gas lines, you need eyes and ears on the ground. This MIL STD tested, IP67 rated PoE switch is capable of 60 watts per port across four ports. Two Multimode Fiber ports provide remote, high speed access. One device to interconnect and power communications equipment, cameras and sensors.

KEY DEPLOYMENT ADVANTAGES

01 RUGGED!+™ IP66/67 RUGGEDIZATION

02 AVAILABLE IN MILITARY AND COMMERCIAL GRADE

03 DESIGNED FOR REMOTE TELECOMMUNICATIONS, SECURITY, OR SENSORS IN REMOTE AREAS

04 POWER OVER ETHERNET 15, 30, OR 60 WATTS

05 LIGHTWEIGHT ALUMINUM PACKAGING: 18LBS

06 AUTOMATICALLY ADJUSTABLE VOLTAGE TO A REGULATED 58VDC OUTPUT

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 this experience, we developed the RUGGED!+™ (PoE) Power Over Ethernet Switch. This platform enables customers to offer wireless communications, cameras, and sensors in remote areas. Each (PoE) Switch is equipped to provide clean power, add optional Battery Backup for power without interruption.
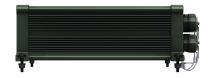
MILITARY AND COMMERCIAL MODELS

The RUGGED!+™ (PoE) Switch is available in two models. The Military Grade Switch is designed for tactical communications and is built to MIL-STD-810G, for harsh environments. The Commercial Grade (PoE) Switch is designed for remote telecommunications, and security or sensor installations where environmental factors are a major concern. Color options are Desert Tan, Olive Drab Green, or Battleship Gray.

QUIET, UNIVERSAL CONSTRUCTION

Rugged, all aluminum chassis with thermostat controlled fan allows for a quiet operation while keeping the elements out. Universal mounting positions allow tower, pole, vehicle or no mounting at all to keep all your devices powered securely with an optional Modular Battery Back up with 30 minutes to 3 day capacity.

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.

terraferma INSIGHTS FOR AN OPTIMIZED FUTURE

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TECHNICAL SPECIFICATIONS

Product Options	Power any PoE device or mltiple devices from one Switch
	Optional Modular Battery Back up with 30 minute to 3-day capacity.
	Power over Ethernet (PoE) 15, 30, up to 60 watts per port
Color Options	Military: Olive Drab Green or Desert Tan, | Commercial: Battleship Gray
Communications	10/100/1000 Ethernet
Material Finish	WD-CARC (FED STD 595C, 34094) over chemical conversion coating
Power	Global AC Input: Input 90 - 264 VAC, 47 - 63Hz
	Military Grade DC: 8.5 to 30VDC @ 40A
	Commercial Grade DC: 10 - 60VDC @ 30A
	Optional Battery Backup: 48VDC @ 1.5amp-Hour to 55amp-Hour
	Optional Solar Power Input: 12 to 24VDC Solar Panel (Requires Battery Backup)
Power Control	Automatically adjustable voltage to a regulated 58VDC output
	Automatically adjustable load current 0.25A - 2A
	Automatic input and/or output power reset
Connectivity	Commercial Grade: IP67 Molex Receptacles
	Military Grade: Amphenol RJFTV & D38999 Receptacles
Indicators	Power: Green LED, DC Power: Green LED, Ethernet Activity: Green LED,
	Fault: Green – Normal Operation, Amber – Minor Fault, Red – Critical Fault
Mounting	Universal mounting positions allow tower, pole, vehicle or no mounting at all
Physical Dimensions	15-3/8" x 10-7/8" x 4-1/2" | With Optional Battery Backup: 18" x 10-7/8" x 4-1/2"
Weight	Aluminum packaging –18 lbs

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