

Rugged Ethernet Switch

V3N-RES-5P

DESCRIPTION

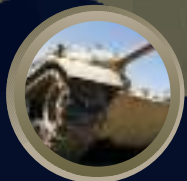
V3 Novus Military Series Rugged PoE Ethernet Switch with Power Distribution Capabilities provides constant LAN & Power between multiple devices used by infantry Soldiers. This MIL-STD, Rugged PoE Ethernet Switch with Power Distribution Capabilities features 5 LAN 10/100/1000M Ethernet ports + Power supply ports.

V3N-RES-5P features mechanical packaging enhancements designed for MIL-STD-810F airborne and ground environmental compliance and high reliability. The unit has been especially hardened to improve ingress, impact, and shock/vibration protection. Passive cooling allows for the elimination of moving parts. Sealed connectors ensure protection against water and dust.

This flexible Network & Power platform creates another superior lightweight & flexible solution for Future Soldier applications in the modern battlefields. The V3N-RES-5P is well suited to provide LAN + Power while packed in combat vests for infantry soldiers. It extends commitment to unique, tailor-made SWAP rugged communication solutions.

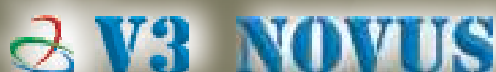
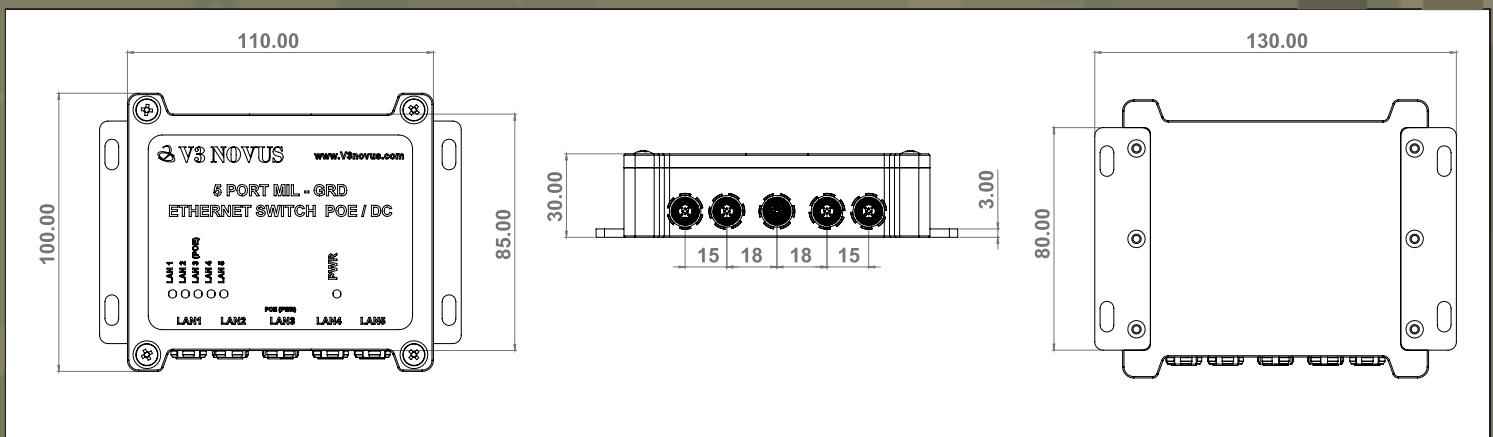
SPECIFICATIONS

ETHERNET PORTS	<ul style="list-style-type: none">◆ Total of 5 Ethernet 10/100/1000M ports + Power Supply◆ 1 x PoE, 10/100/1000M ports (PoE input voltage 36VDC to 57VDC/1A)◆ 4 x 10/100/1000M ports + 10V -50V/1A Power Supply◆ LED Indication Per Port (Link/Activity, Speed)
NETWORKING	<ul style="list-style-type: none">◆ Full wire-speed forwarding rate◆ Store-and-forward mechanism◆ Auto MDI-X◆ Auto-Negotiation Protocol◆ Address Look-Up
CONNECTORS	<ul style="list-style-type: none">◆ 1PoE + Power Connector: GKOWAM-P16UB00-00L◆ 4 LAN 10/100/1000M Connector: GKOWAM-PD8UB00-00L
CHASSIS	<ul style="list-style-type: none">◆ Machined rugged aluminum◆ Conductively cooled w/custom internal heat-sinks◆ Ingress protection against sand, dust and moisture◆ Anodize Coating, MIL-A-8625, Type II, Class
STANDARDS	<ul style="list-style-type: none">◆ MILSTD-461F◆ MILSTD-810F GM IP67 STANDARDS



SPECIFICATIONS

PERFORMANCE	<ul style="list-style-type: none"> ◆ 9216 byte Jumbo Packet Wire Speed Forwarding Rate ◆ 2K MAC Address ◆ Wire-Speed Reception and Transmission ◆ Integrated Address Look-Up Engine ◆ Automatic Address Learning
STANDARDS COMPLIANCE	<ul style="list-style-type: none"> ◆ IEEE 802.3 10 Mbps 10BASE-T (Ethernet) ◆ IEEE 802.3u 100BASE-TX 100 Mbps (Fast Ethernet) ◆ IEEE 802.3x Flow Control ◆ IEEE 802.3 1000BASE-TX 1000 Mbps
POWER	<ul style="list-style-type: none"> ◆ Voltage Input: 10VDC – 50VDC Supply ◆ Power Consumption: 140W maximum ◆ Chassis grounding ◆ Overload, Over-Voltage & Short Circuit Protection for PoE Ports. ◆ Reverse Polarity Protection for DC Input ◆ Power indication
PoE	<ul style="list-style-type: none"> ◆ Maximum Consumption 15.4W ◆ Dynamic Power Allocation ◆ PoE Priority ◆ No Power Degradation at +85°C
ELECTROMAGNETIC	<ul style="list-style-type: none"> ◆ Design to meet: MIL-STD-461F Electromagnetic compatibility ◆ CE-101 CS-101 CE-102 CS-114 CS-115 CS-116 RE-102 RS-103
ENVIRONMENTAL	<ul style="list-style-type: none"> ◆ Design to meet: MILSTD-810G: ◆ IP67
PHYSICAL	<ul style="list-style-type: none"> ◆ Dimensions: 110mm (L) x 100mm(W) x 30mm(H), including connectors & hardware ◆ Weight: ~400gr
INSTALLATION	<ul style="list-style-type: none"> ◆ Set of Four mounting holes on bottom for mounting to any flat surface ◆ Option for Strap Mounting Bracket ◆ Portable
COOLING	<ul style="list-style-type: none"> ◆ No Moving Parts. Passive Cooling.
OPERATING TEMPERATURE	<ul style="list-style-type: none"> ◆ -40°C to +85°C (-40°F to +185°F)
STORAGE TEMPERATURE	<ul style="list-style-type: none"> ◆ -45°C to +85°C (-49°F to +185°F)



+91 9880150656
E mail : sales@v3novus.com