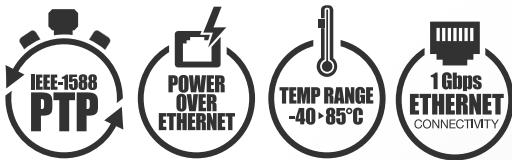


NS-1 Revolutionary Network Switch



The NS-1 Network Switch is a 6-port Gigabit Ethernet switch that is designed to meet the needs of using Ethernet devices in development vehicles and industrial applications. It provides a unique combination of features not found in most commercial and industrial Ethernet switches.




- (6) 10/100/1000Mbps Gigabit Ethernet ports
- Compatible with standard Ethernet devices
- Supports IEEE-1588 Precision Time Protocol (PTP) in hardware on all 6 ports
- Supplies Power over Ethernet (PoE) on all 6 ports
- Automotive surge tolerant wide operating voltage of 6 to 36VDC
- Wide operating temperature range for hot and cold weather testing
- Rugged metal enclosure with mounting holes
- Fan-less design for high reliability
- Lemo and Phoenix terminal block power connector options
- DIN rail bracket option for industrial applications



The NS-1 Network Switch takes PoE further by offering 30 watts per bank (1-3 and 4-6)



NS-1 Network Switch Specifications

Features		
Speed	10/100/1000Mbps Gigabit Ethernet	
Number of Ports	(6) PoE sourcing ports	
Power over Ethernet (PoE)	IEEE 802.3at/af Power Source Equipment (PSE) 60W total PoE Budget (up to 50°C ambient, then derated 0.6W/°C) Up to 30W across ports 1-3 and 30W across ports 4-6	
Time Sync	IEEE-1588 PTP (Precision Time Protocol) in hardware	
Hardware		
LEDs	(1) Power and status indicator (2) Ethernet link and status indicators per port	
Ethernet Connectors	(6) Standard 10/100/1000Base-T RJ45	
Power Connector	153-0009 – Lemo 1F Series 3-pin 153-0010 – 2-pin Phoenix Terminal Block 153-0011 – 2-pin Phoenix Terminal Block	
Power	6 to 36VDC, automotive surge tolerant Maximum PoE power limited <10VDC	
Operating Temperature	-40°C to +85°C / -40°F to +185°F	
Mechanical		
Construction	IP40 aluminum enclosure	
Fans	Fan-less high-reliability	
Mounting Options	Threaded holes on sides or DIN Rail mount bracket option	
Dimensions	134.1mm x 93.7mm x 28.4mm / 5.28in x 3.69in x 1.12in	
Weight	283.5g / 10oz	
Variants		
<p>153-0009 Lemo Connector</p> 	<p>153-0010 Plugable Terminal Block</p> 	<p>153-0011 Terminal Block w/ DIN Rail Mount</p> 

- All NS-1 devices have a **3-year warranty period**

NS-1 Network Switch Ordering Information

Part Number	Description
Product	
153-0009	3-pin Lemo 1F power connector
153-0010	2-pin Phoenix Terminal Block Power Connector
153-0011	2-pin Phoenix Terminal Block Power Connector and DIN Rail Mount
Accessories	
150-0244-6FT	Cable DC PWR LEMO Red 1F 3-pin plug to banana jacks 6FT.

NS-1 Network Switch Dimensions

