

# VLS-2008

Industrial 8-port Full Gigabit Layer 2 unmanaged Ethernet Switch, 8 10/100/1000Base T(X) Ports, IP 30, 12V to 58V DC, Rugged and Fan-less Design with Compact Size, -40°C to 75°C Extended Temperature



## Features

- 8 Giga Copper Ports
- Support 9K Jumbo Frames
- IEEE 802.3x Flow Control & Back-Pressure
- Layer 2 Line-Speed Switching Fabric, Non-Blocking
- Fan-Less Design with Wide-Temperature Range (-40°C to 75°C)
- Redundant Power Input 12V to 58V DC
- Reverse Power Protection
- Support Din-Rail or Wall Mount Installation
- IP 30 Protection
- Rugged and Compact Size Design



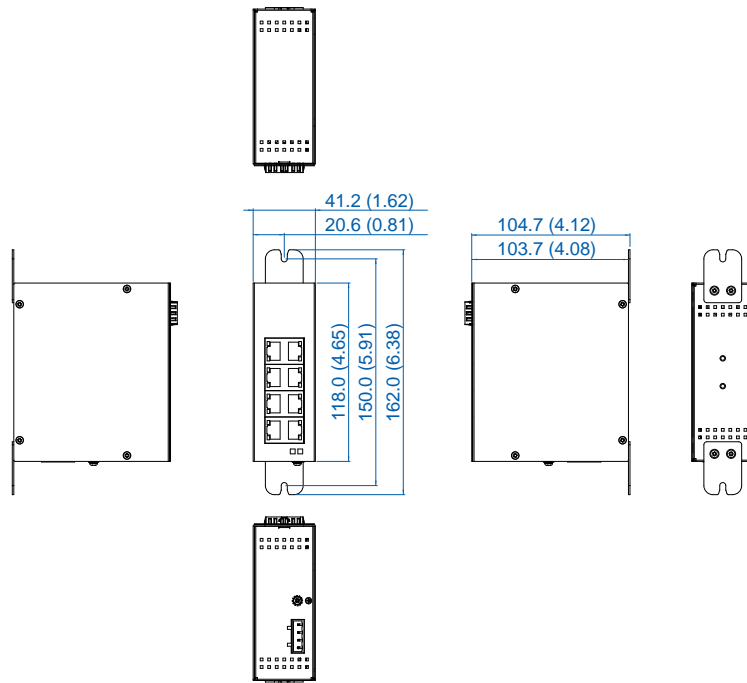
## Specifications

Ethernet	
Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC Addresses	8K
Packet Buffer	4Mbits
Jumbo Frame	9K
Backplane/Switching Fabric	16Gbps
RJ45 Copper Ports	
Speed	10/100/1000 Mbps
MDI/MDIX Auto-crossover	Support straight or cross wired cables
Auto-negotiation/Duplex	10/100/1000 Mbps speed auto-negotiation; Full & Half Duplex
Fiber Ports	
Port Types Supported	100/1000 Base SFP Slot
Fiber Port Connector	LC/RJ45 connector for fiber ports
Optimal Fiber Cable	<ul style="list-style-type: none"> <li>▪ Typical 50 or 62.5/125 µm for multimode (mm)</li> <li>▪ Typical 8 or 9/125 µm for single mode (sm)</li> </ul>
Power	
Power Input	12V to 58V, DC-in
Power Interface	Redundant Power Input, DC Input, 4-pin Removable Terminal Block
Reverse Power Protection	Yes
Power Consumption	7 Watt
Indicators	
Power Status Indication	Power Input Status
Ethernet Port Indication	Link & Speed

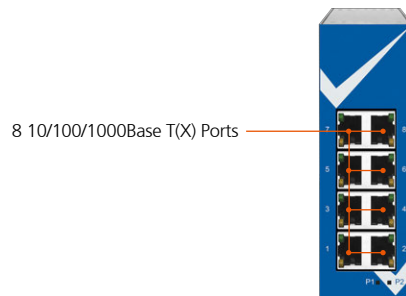
Standards	
Standards	IEEE 802.3, IEEE 802.3x, Flow Control, Back Pressure, ICMP, TCP/UDP
Mechanical	
Dimensions (H x W x L)	117.8mm x 39mm x 96.9mm (4.64" x 1.54" x 3.81") (without DIN rail clip)
Weight	0.365 kg (0.8lb)
Installation	<ul style="list-style-type: none"> <li>▪ DIN Rail Mount</li> <li>▪ Wall Mount (Optional)</li> </ul>
Protection	IP30
Environment	
Operating Temperature	-40°C to 75°C (-40°F to 167°F) (Cold Startup @ -40°C)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, Non-condensing
Relative Humidity	95% @ 75°C
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6
Free Fall	IEC 60068-2-32
Electrical Safety	CE
EMC	<ul style="list-style-type: none"> <li>▪ FCC Part 15B Class A</li> <li>▪ CISPR 22 (EN55032) Class B, EN55024, EN55035</li> <li>▪ IEC-61000-4-2, -3, -4, -5, -6, -8 (Level 3)</li> </ul>
RoHS	RoHS (Pb free)
MTBF	>25 years

## Dimensions

Unit : mm/ inch



## Front I/O



## Order Information

<b>VLS-2008</b>	VLS-2008, Industrial 8-port Full Gigabit Layer 2 unmanaged Ethernet Switch, 8 10/100/1000Base T(X) Ports, with Din Rail, -40°C to 75°C
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### Accessories

<b>PWA-25W-WT</b>	25W, 48V, 85V AC to 264V AC Power Adapter with 4-pin Terminal Block (5.08mm pitch), Wide Temperature -30°C to 70°C
<b>Wall Mount</b>	Wall-mounting Kit for Ethernet Switch