VICOM

and 4 SFP Uplink

RING

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8-Port 10/100/1000Mbps Industrial Managed PoE Switch with 2 RJ45

MSTP

RSTP





VIES7511-8PGE2GE4GF-DC

Key Features:

Ports: Provide 8*10/100/1000Mbps PoE ports with 2*10/100/1000M RJ45 and 4*1.25Gbps SFP Uplink PoE Standard: IEEE802.3af/at Power over Ethernet (PoE) Compliant Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX Industrial Installation: Din Rail mounting installation Wide Application: Designed for Railway, traffic etc some Industrial environment Surge protection: Protect the device from lighting surges and others electrical hazards Managed: Support remote web managed,VLAN and storm control and IPV6 management etc. Working Temperature: -40 to 85 degrees operating temperature Considerate Design: IP40 Industrial design with dual power input

802.3at /

PoE+

802.3af

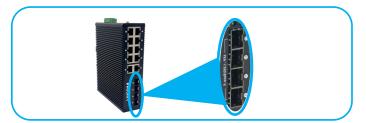
Environmentally Hardened Design

With the **IP40** metal industrial case which provides a high level of immunity against electromagnetic interference and heavy electrical surges, Being able to operate under the temperature range from **-40 to 85 degrees C**, the VIES7511-8PGE2GE4GF-DC can be placed in almost any difficult environment.



Surge Protection Design

provides contact discharge of ± 8 KV DC and air discharge of ± 15 KV DC for Ethernet ESD protection. It also supports ± 6 KV surge immunity to improve product stability and protects users' networks from devastating ESD attacks, making sure the flow of operation does not fluctuate.





Cost-effective IPv6 Managed Gigabit PoE Switch Solution

With layer 2+ managed Gigabit PoE Switch, It provides IPv6/IPv4 management and built-in L2/L4 Gigabit Switching engine, and supports high-speed transmission of surveillance images and videos.



Gigabit SFP Uplink Port

With 4 SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring, Beside the SFP can transmitte the date with Max 100Km distance with more economic solution

VIES7511-8PGE2GE4GF-DC

8-Port 10/100/1000Mbps Industrial Managed PoE Switch with 2 RJ45 and 4 SFP Uplink

Technical Datasheet

Teermear Datastieet		
Model	VIES7511-8PGE2GE4GF-DC	
Hardware Specifications		
Connector	10* 10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
	4* 1.25G Base-X SFP Slots 1 Console port	
PoE Port	8 10/100/1000Mbps POE PSE port	
LED Display	Power Indicator: PWR(green).	
	Network Indicator: Link(yellow)	
	PoE Working Indicator: PoE(green)	
Thermal Fan	Fanless Design	
Installation	Din Rail	
Switch Architecture	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	32Gbps
	Packet forwarding rate	24.62Mpps
	MAC address	8k
Power requirement	DC 44V~56V	
ESD Protection	6KV ESD	
Dimension(W×D×H)	48mm x 135mm x 170mm(1.89in x 5.31in x 6.69in)	
Weight	1.25kg	
Power over Ethernet (PoE) Specif	-	
	IEEE802.3i 10 BASE-T	
	IEEE802.3u 100 BASE-TX	
Network standard	IEEE802.3ab 1000BASE-T IEEE802.3x Flow Control	
Hotwork Standard	IEEE802.3af Power over Ethernet	
	IEEE802.3at Power over Ethernet	
	IEEE802.3az EEE	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE	
	IEEE 802.3at Power over Ethernet Plus/PSE	
PoE Supply Type	IEEE 802.3at Power over Ethernet Plus/PSE 1/2(+), 3/6(-) End-span	
		af)
PoE Supply Type PoE Power Output	1/2(+), 3/6(-) End-span	,
	1/2(+), 3/6(-) End-span Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3a	,
PoE Power Output	1/2(+), 3/6(-) End-span Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3a Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)	,
PoE Power Output PoE Power budget	1/2(+), 3/6(-) End-span Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3a Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)	,
PoE Power Output PoE Power budget Layer 2 Functions	1/2(+), 3/6(-) End-span Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3a) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3a) 120/ 240W optional TX / RX / both Many-to-1 monitor 802.1Q tagged-based VLAN	,
PoE Power Output PoE Power budget Layer 2 Functions	1/2(+), 3/6(-) End-span Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3a) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3a) 120/ 240W optional TX / RX / both Many-to-1 monitor 802.1Q tagged-based VLAN Up to 256 VLAN groups, out of 4094 VLAN IDs	,
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INST P. IEEE 002. IN Mulpis Spanning Tree Protocol IGMP Snooping IGMP (2X3) snooping Up to 256 multicast groups MLD Snooping MLD (v1v2) snooping, up to 256 multicast groups Access Control List IPv41Pv6 IP-based ACL / MAC-based ACL Open or close port Standard POE scheduling management Power and current display Automatic restarting function of equipment dead machine Timing Support IP bindings restarting Standard POE scheduling management Power and current display Automatic restarting function of equipment dead machine Timing Support IP bindings restarting Automatic restarting function of equipment dead machine Timing Support IP bindings restarting Automatic restarting function of equipment dead machine Timing Support IP bindings restarting Automatic restarting function of equipment dead machine Timing Support IP bindings restarting Automatic restarting function of equipment dead machine Timing Support IP bindings restarting Automatic restarting function of equipment dead machine Timing Support IP bindings Automatic restarting function Bindish RADIUS closed authentication Bindish RADIUS closed authentication IP RADIUS / TACACS + user access authentication IP-MAC port binding MAC filtering MAD DUI filtering and BPDU forwarding <t< th=""><th></th><th>RSTP, IEEE 802.1w Rapid Spanning Tree Protocol</th></t<>		RSTP, IEEE 802.1w Rapid Spanning Tree Protocol	
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RFC 1213 MIB-II RFC 1215 Generic Traps RFC 1493 Bridge MIB RFC 2674 Bridge MIB Extensions RFC 2737 Entity MIB (Version 2) RFC 2819 RMON (1, 2, 3, 9) RFC 2863 Interface Group MIB RFC 3635 Ethernet-like MIB Environment Safety FCC Part15 Class A,CE.RoHs Operating temperature: -40°C~85°C, operating humidity: 5%~95%	-	Remote / Local Syslog,System log,LLDP protocol ,SNTP	
RFC 1215 Generic TrapsRFC 1493 Bridge MIBRFC 1493 Bridge MIB ExtensionsRFC 2674 Bridge MIB ExtensionsRFC 2737 Entity MIB (Version 2)RFC 2819 RMON (1, 2, 3, 9)RFC 2863 Interface Group MIBRFC 3635 Ethernet-like MIBEnvironmentSafetyFCC Part15 Class A,CE.RoHsOperating temperature: -40°C~85°C, operating humidity: 5%~95%	Secure Management Interfaces	SSH, SSL, SNMP	
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RFC 2863 Interface Group MIB RFC 3635 Ethernet-like MIB Environment Safety FCC Part15 Class A,CE.RoHs Operating temperature: -40°C~85°C, operating humidity: 5%~95%			
RFC 3635 Ethernet-like MIB Environment Safety FCC Part15 Class A,CE.RoHs Operating temperature: -40°C~85°C, operating humidity: 5%~95%			
Environment Safety FCC Part15 Class A,CE.RoHs Operating temperature: -40°C~85°C, operating humidity: 5%~95%			
Safety FCC Part15 Class A,CE.RoHs Operating temperature: -40°C~85°C, operating humidity: 5%~95%	Environment		
Operating temperature: -40℃~85℃,operating humidity: 5%~95% Environment specification		FCC Part15 Class A,CE.RoHs	
Environment specification		,-	
Storage temperature: -40°C~85°C, storage humidity: 5%~95%		Operating temperature: -40°C~85°C, operating humidity: 5%~05%	
	Environment specification		

VIES7511-8PGE2GE4GF-DC

8-Port 10/100/1000Mbps Industrial Managed PoE Switch with 2 RJ45 and 4 SFP Uplink

Installation Models

Power Terminal

D D

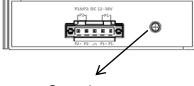
P2

P2+

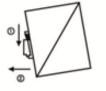
P1.

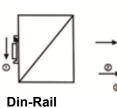
- 6-pin 3.81mm-spacing plug-in terminal
- 44V-54VDC wide voltage input
- P1&P2 dual power input
 - Reverse protection

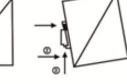




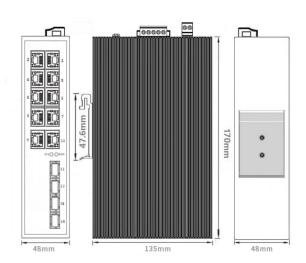
Ground screw



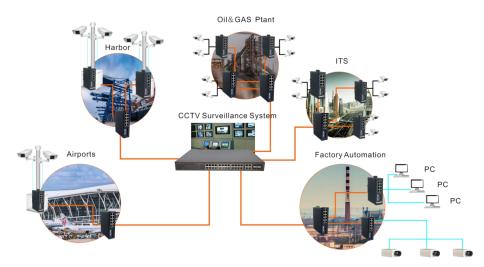




Mechanical Drawing



Applications



Ordering Information	
VIES7511-8PGE2GE4GF-DC	8 Ports 10/100/1000Mbps Industrial Managed PoE switch With 2Gigabit RJ45
	and 4 SFP Uplink,IEEE802.3af/at, Din-Rail