



4/6*10/100/1000T 802.3at POE + 2*Gigabit SFP

Features

<ul style="list-style-type: none"> ■ System Interface/Performance <ul style="list-style-type: none"> ➢ 10/100/1000Mbps RJ-45 port support Auto MDI/MDI-X Function ➢ Embedded 4 or 6-port 802.3at PoE inject function up to 30 Watt ➢ 2 * Gigabit SFP Slots ➢ Store-and-Forward Switching Architecture ➢ 4Mbits Packet Buffer ➢ 8K MAC Address Table ➢ 9.6K Jumbo Frame 	<ul style="list-style-type: none"> ■ Web Based L2 Features ■ Din-Rail mounting
<ul style="list-style-type: none"> ■ Power Supply <ul style="list-style-type: none"> ➢ 48-57VDC Redundant Power Design 	<ul style="list-style-type: none"> ■ Operating Temperature Range -40° to 70° C
<ul style="list-style-type: none"> ■ Surge protection up to 6KV at both DC in and RJ45 ports 	<ul style="list-style-type: none"> ■ Support IEEE 802.3az Energy Efficient Ethernet

Standard

IEEE Standard	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-X IEEE 802.3x Flow Control & Back Pressure IEEE 802.1Q VLAN IEEE 802.1ad Link Aggregation Control Protocol IEEE 802.1p Class of Service IEEE 802.3af/at Power over Ethernet
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Switch

Data Process	Store and Forward
Flow Control	IEEE 802.3x flow control, back pressure flow control
Packet Buffer	4Mbits
Mac Address	8K MAC address table
Jumbo Frame	9.6 Kbytes (SFP ports only)
Filtering/Forwarding Rates	IGSPL-W042: 8.928M pps IGSPL-W062: 11.904M pps

Smart Features

Tagged Based VLAN: 32, VID = 1~4094
IGMP Snooping V1&V2
Support Link Aggregation control Protocol (LACP): Up to 3 groups
Quality of Service (QoS): 802.1p, DSCP
Link Layer Discovery Protocol (LLDP)
Port: Port State, Speed/Duplex, Flow Control Configuration
Port Mirroring
Broadcast Storm Control
PoE Control: PoE Port Enable/Disable, PoE Status
Management: Web Management, password protection
Configuration backup/restore, Firmware upgrade

Interface

RJ45 Ports	4 or 6 * 10/100/1000Base-T with POE+, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDIX connection
SFP	2*1000M SFP Slot
Wavelength	By SFP modules
LED Indicators	Unit: Power 1, Power 2, Fault, Ring, Master Ethernet Ports: On-link/Flash-data transmitting SFP: Link/Active
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)

Power

Input Voltage	44-57 VDC, Redundant Input
Power Connection	1 removable 6-contact terminal block
Alarm Relay	1 relay output with current carrying capacity of 1A @ 24 VDC
Power Consumption without POE	IGSPL-W042: 7.5 Watts Max; IGSPL-W062: 8 Watts Max

Mechanical

Housing	Metal, IP30 protection
Dimensions(mm)	55 x 120 x 118 mm (W x H x D)
Weight	0.565 Kg
Mounting	DIN-Rail Mounting

Protection

Overload Current Protection	Present
Power Reverse Polarity Protection	Present

Environment

Operating Temperature	-40°C to 70°C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)

Regulatory

EMI	FCC Part 15 Subpart B Class A, EN 55022 Class A, VCCI
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS) EN61000-4-4 (EFT), EN61000-4-5 (Surge), Level 3 (DC in) EN61000-4-6 (CS), Level 3, EN61000-4-8, EN61000-4-11
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	CE, FCC

Order Information

Product Name	Description
IGSPL-W042	Industrial Web Managed POE+ Gigabit Ethernet Switch - 6 ports: 4*10/100/1000T 802.3at POE + 2* 1000M SFP (-40°C~70°C)
IGSPL-W062	Industrial Web Managed POE+ Gigabit Ethernet Switch - 8 ports: 6*10/100/1000T 802.3at POE + 2* 1000M SFP (-40°C~70°C)

