

# IGSP-UT042S-60

LCSI

4 x 60W Giga TX PSE (802.3af/at POE+) + 2 x 100/1000M SFP, 44-56VDC

**60W POE PSE**



## Benefits

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| <ul style="list-style-type: none"><li>■ System Interface/Performance<ul style="list-style-type: none"><li>➢ RJ-45 port support Auto MDI/MDI-X Function</li><li>➢ PoE+ 802.3at 60 watt per port</li><li>➢ Store-and-Forward Switching Architecture</li><li>➢ Back-plane (Switching Fabric): 12G</li><li>➢ Jumbo Frame: 9KB</li><li>➢ 1Mbits Memory Buffer</li><li>➢ 1K MAC address table</li><li>➢ Support Wide Operating Temperature (-40°C~75°C)</li></ul></li><li>■ Power Supply<ul style="list-style-type: none"><li>➢ Redundant Dual DC 44-56V Power Input</li></ul></li></ul> | <ul style="list-style-type: none"><li>■ Case/Installation<ul style="list-style-type: none"><li>➢ IP-30 Protection</li><li>➢ DIN Rail and Wall Mount Design</li></ul></li><li>■ Reverse Polarity Protection: Present</li><li>■ Overload Current Protection</li></ul> |
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## Standard Compliance

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE802.3x Flow Control and Back Pressure, IEEE802.3af for POE and IEEE802.3at for POE+
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## Hardware Specification

Switch Architecture	Back-plane (Switching Fabric): 12G
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port
Memory Buffer	1 M bits
MAC Address	1K
Jumbo Frame	9K
Connector	4xRJ-45 10/100/1000BaseT(X) auto negotiation, 4 Giga 60Watts POE+ 802.3at/af PSE port Auto MDI/MDI-X function, Full/Half duplex 2 x SFP 100/1000M BaseX
DIP Switch	DIP 1: OFF: Port 5 SFP ON(DEFAULT) ON: Port 5 SFP OFF DIP 2: OFF: SFP 1000M (DEFAULT) ON: SFP 100M
POE Power	IEEE802.3af/at POE power per port 60 watts Total at 240 Watts ( 4*60W )
Network Cable	UTP/STP Above Cat. 5e Cable EIA/TIA-568 100-ohm(100m) Fiber Cable(Multi-mode): 50/125um, 62.5/125um Fiber Cable(Single Mode):9/125um
Protocol	CSMA/CD
LED	PW1(Power 1) Green, PW2(Power 2) Green, ERR( Fault ) Amber, TX/RJ-45 port: LNK (Link/Active) Green, SPD(Speed) 10/100(OFF) ,1000 (Green) SFP Fiber Per port: Link (Green) Active Flash

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\*\* Specifications are subject to change without prior notice.\*\*

Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A @24VDC, Relay in short circuit mode when 2 powers are connected. in open circuit mode when only one power supply is connected Provide 2 Redundant power , Alarm relay contact ,6 Pin Wire range: 0.34mm <sup>2</sup> to 2.5mm <sup>2</sup>
Removable Terminal Block	Solid wire (AWG):12-24/14-22 Stranded wire(AWG): 12-24/14-22 Torque:5lb-In/0.5Nm/0.56Nm Wire Strip length: 7-8mm
Overload current protection & Reverse polarity protection	Present
Power Supply	Standard Model : Redundant Dual DC 44-56V Power Input
Power Consumption	5.76W @48 VDC full load, Without POE
MTBF	510K hrs ( MIL-HDBK-217F) at 25°C
Operating Humidity	5%~95% (Non-condensing)
Operating Temperature	Wide Operating Temperature: -40°C ~75°C
Storage Temperature	-40°C ~85°C
Case Dimension	Metal case. IP-30, 43mm (W) x 105mm (D) x 142mm (H)
Installation	DIN Rail and Wall Mount Design
Certification	
EN55022/24	ITE equipment
EN50155	Railways Applications Electronic Equipment used on Rolling Stock
EN55011	Industrial, Scientific and Medical (ISM) equipment
EN50121-3-2	Railway Applications – Electromagnetic Compatibility – Part 3-2 Rolling Stock - Apparatus
EN50121-4	Railway Applications – Electromagnetic Compatibility – Part4 Emissions and Immunity of the Signaling and Telecommunications Apparatus
Safety	IEC EN60950-1
EMC/EMS	CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
EN 50155 / EN 60068-2-6	Vibration
EN 50155 / EN 60068-2-27	Shock
EN 50155 / EN 60068-2-32	Free Fall

### Order Information

Product Name	Description
IGSP-UT042S-60	6 ports: 4 x10/100/1000M TX 60 Watt PSE (802.3af/at POE+) + 2 x100/1000M SFP -40°C to +75°C 44-56VDC

## Housing Dimension

