

Specification

POE-63808GFIN

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 IEEE 802.3x Flow Control and Back Pressure, IEEE 802.3af for PoE IEEE 802.3at for PoE+
Switch Architecture	Back-plane (Switching Fabric): 20Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	10KB
MAC Address Table Size	11K
Packet Buffer Size	2M
Network Connector	8 x RJ-45 10/100/1000BaseT(X) auto negotiation, 8 x Gigabit POE+ 802.3at/af PSE port, 30W per port Auto MDI/MDI-X function, Full/Half duplex 2 x 1000M TX / SFP combo
Network Cable	UTP/STP Cat.5e or above Cable EIA/TIA-568 10-ohm (100m)
Protocol	CSMA/CD
LED	PW1(Power 1) Green, PW2(Power 2) Green, PW3(Power 3) Amber for Power DIN RLY(Alarm Relay) Amber TX/RJ-45 port: port 1 to port 8 Green --- LNK (Link/Active) Amber – PoE TX/RJ-45 port: port T9 and port T10 Green – LNK (Link/Active) SFP Fiber Per port: Green --- Link/Active
Reserve Polarity Protection	Present
Overload Current Protection	Present
Power Supply	P1 and P2 for Redundant Dual DC 48V-56V P3 for Power DIN to connect external power adapter DC 48-56V For Switch only --- Power input range DC 12-56VDC For PoE --- Power input range 48-56VDC

Power Consumption	5.76W@48 VDC full load, Without PoE
Alarm Relay Contact	Relay outputs with current carrying capacity of 1 A @24VDC, Relay in “open” circuit mode when PW1 and PW2 are connected. in “short” circuit mode when only one power supply is connected
PoE power	Input Voltage 48VDC-56VDC. POE power per port 30watts. Maximum 36Watts with 56VDC input. Maximum total power 240Watts with 56VDC input
Removable Terminal Block	Provide 2 Redundant power, Alarm relay contact, 6 Pin. And circular POWER DIN for power adapter Wire range: 0.34mm ² to 2.5mm ² 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
Operating Temperature	-40°C to 75°C
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C to 85°C
MTBF (mean time between failure)	510,889 hrs (MIL-HDBK-217F) at 50°C
Housing	Rugged Aluminum ,IP30 Protection
Case Dimension (LxWxD)	155 x 48 x 120 mm (LxWxD)
Installation	DIN Rail and Wall Mount options included
Certifications	
Safety	UL 60950-1
Safety	LVD (EN62368-1)
EMC	CE, FCC, EN 55032/24
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-32



817 S Lemon Ave
Walnut, CA 91789

Phone: 626-964-7873 Fax: 626-964-7880

www.unicomlink.com email: info@unicomlink.com

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