

GBTS-10-8-M-56v480w

Fanless IEEE 802.3bt Power Over Ethernet

Drive building infrastructure with a distributed 90 watt system with data and power redundancy capacity.



DISTRIBUTED POWER AND INTELLIGENCE

The GBTS-10-8-M, as a fanless full gigabit Managed Industrial BT PoE switch, provides reliable, cost effective, high power PoE on eight 10/100/1000Base-T Ethernet PoE ports and with two 1000Base-X SFP Slots. The switch includes HTML based L2 managed functions, including IGMP Snooping QVLAN, QoS, DHCP and Fast-ring and PoE control. This switch brings cost effective, ring networked technology to lighting, security monitoring, enterprise park and other applications.

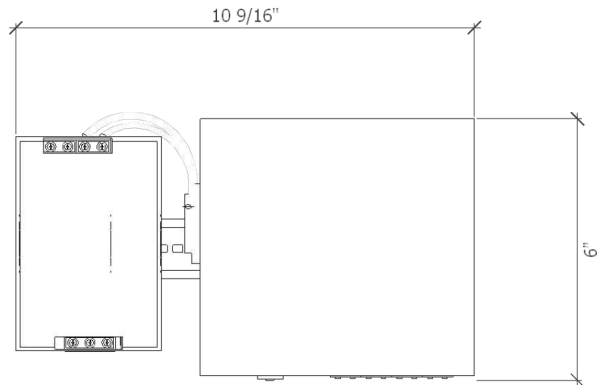
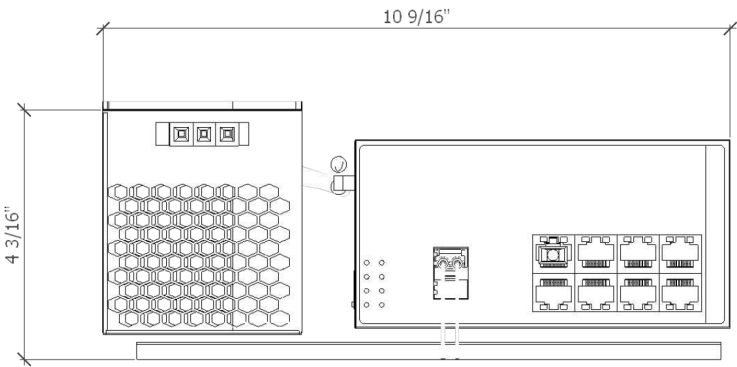
DISTRIBUTED PoE SWITCH

Features

- ◇ 8 x 10/100/1000Mbps Ethernet PoE port
+2*1000Mbps SFP Slots
- ◇ Ports 1-8 output IEEE802.3at/af/bt
- ◇ Total PoE power budget is 480W, max PoE power for single port is 90W
- ◇ Supports Perpetual PoE and PoE watchdog.
- ◇ Supports Layer 2 managed functions including DHCP, Fast-Ring, IPv6, etc.
- ◇ Relay alarm output
- ◇ Fanless, wave metal shell, and low power consumption design
- ◇ DIN rail and wall mountable



Template Drawings



PRODUCT TITLE

Technical Specifications

Inputs/Outputs	
Downlink Ports	8*10/100/1000Base-T (PoE)
Uplink Ports	2*1000Base-X SFP Slots
Alarm Output	One channel relay alarm output, 1A@DC 12V, 2 cores, 5.08mm terminal
LED Indicator	8*Link/Act (Green), 8*PoE (Orange), 1*PWR (Red)
Networking Functions	
Standard and Protocols	IEEE802.3 , IEEE802.3u, IEEE802.3ab, IEEE802.3Z, IEEE802.3X, IEEE 802.1D, IEEE 802.1af/at/bt
Switching Capacity	20Gbps / non-blocking
Packet Forwarding Rate	14.9Mpps
Buffer	4Mbit
MAC Address Table	16K
Jumbo Frame	10K bytes
Power Over Ethernet	
PoE Standard	802.3af/at/bt(PSE)
PoE Line Pair	1/2/4/5(+), 3/6/7/8(-)
PoE Output Power	PoE output power for single port ≤90W, Total PoE power budget ≤480W
Power Supply	
Input Voltage	90—230 VAC
Certifications	UL, CE, CB, PFC
Power Output	0-10 A, 48-56 VDC, 480 watts
Environment	
Surge Immunity	6KV Execute: IEC61000-4-5
ESD Immunity	6KV: Contact discharge 15KV: Air discharge Execute: IEC61000-4-2
IP Grade	IP40
Operating Temperature	-10-55°C
Storage Temperature	-40-85°C
Operating Humidity	5%-95% (Non-condensing)

PRODUCT TITLE

Mgt Functions	PoE Management	Perpetual PoE: The PoE is kept enabled and supplying power to PD even if you press the “reboot” for the switch, which reduces the problem of PD power failure caused by restart.
		Support total power consumption control
		Support PoE ON/OFF
		Support priority of port output power
	Port	Support port isolation and rate settings
		Support port storm suppression
		Support IEEE802.3x flow control
		Support port adaptation and traffic statistics
	LACP	Static LACP, Dynamic LACP
	VLAN	Support 4K VLAN
		Support 802.1Q Protocol-based VLAN
		Support Port-based VLAN
	QoS	Support QoS congestion management
		Support 8 hardware priority queues
		Support WRR
		Support 820.1P and DSCP priority
	ERPS	STP/RSTP
		Fast-ring
	DHCP	Support DHCP server
		Support DHCP snooping
		Support DHCP relay
	IGMP	Support IGMP SnoopingV1/V2
	Security	Support RADIUS authentication
		Support 802.1X authentication
	System Management	Support WEB management, configuration through Telnet, SSH
		Support FTP/TFTP/HTTP upgrading
		Support MAC address tables and traffic statistics
		Support IP address, DNS server change
Support username& password change		
Support history record, journal management		
Support system settings backup		
Support factory default settings and restart		