



## DATA SHEET

### 24 Port Manageable Gigabit PoE Switch

#### Features

- 24 10/100M Ports 802.3af / 802.3at Compatible
- Gigabit Uplinks – Ethernet or SFP Fiber Optic
- Fully manageable via Browser, Telnet, Console
- Web Page and Command Line Interface
- Industrial Temperature Range (-40C to +75C)
- AC (100-240VAC) or DC (-48VDC) Powered
- 1u Rack Mounting



#### Description

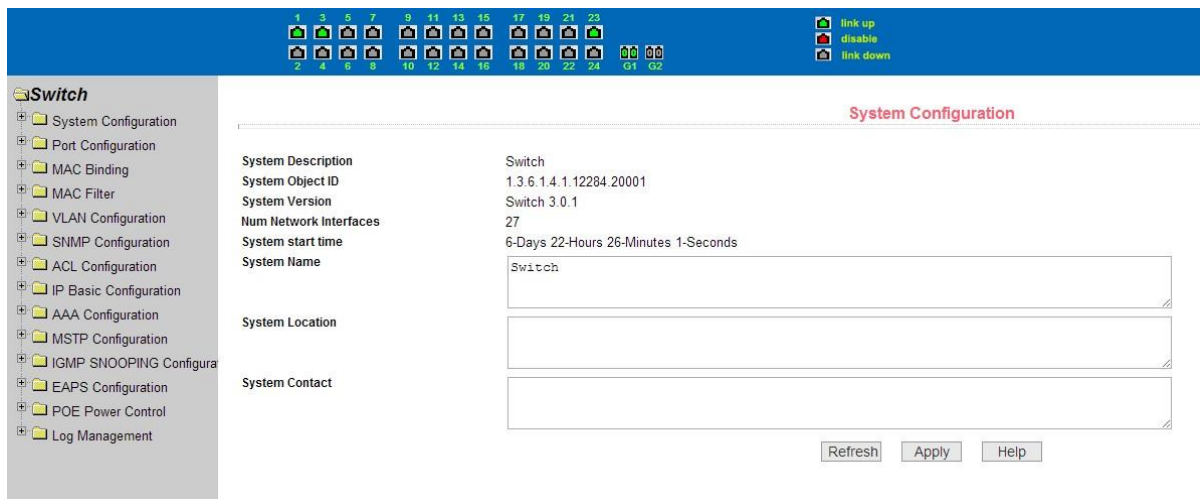
The TP-SW24M-G2-POE+ is a hardened 24 Port fully manageable PoE switch. Ports can be configured as IEEE 802.3af PoE compatible or IEEE802.3at PoE compatible (Max 12 ports as 802.3at). The switch has two Gigabit uplink ports using CAT5/6 cable or fiber optic if using an SFP Fiber Transceiver. The switch has a built in web server that allows management via a web browser. It can also be managed thru Telnet using the built in command line interface. The switch supports SNMP and has a serial port console connection for those who want to manage the switch via a terminal. The switch comes with a DB9 to RJ45 adapter cable for accessing the switch serial port.

The switch can run on AC Power (100-240VAC 50/60Hz) or DC Power (-48VDC) for maximum flexibility. With its wide operating temperature (-40C to +75C), the switch is designed to operate outdoors inside a weatherproof enclosure. It is also rack mountable with its included 19" rack mount brackets.

Some functional features included in this switch are:

VLAN Configuration, Port PoE Control, Port Bandwidth Control, Port Trunking, Port Mirroring, Broadcast Storm Control, Access Control (ACL), MAC Binding and Filtering, Radius Support (AAA), Multiple Spanning Tree Protocol (MSTP), IGMP Snooping, Ethernet Automatic Protection Switching (EAPS).

Below is a screenshot from the Web interface of the Switch showing the Basic System Configuration page:



# Specifications

TP-SW24M-G2-POE+	
<b>Power Requirements</b>	100-240VAC 50/60 Hz (5A Max) ---OR--- -52VDC to -56VDC (18A Max)
<b>Self Consumption Power</b>	20W Typical
<b>AC Power Connection</b>	IEC C13 (1.5m power cord included)
<b>DC Power Connection</b>	3 Pin Removable Wire Terminal Connector (Jonhon CZ5CT3L)
<b>POE Ports</b>	24 10/100M Ports 802.3af or 802.3at (12 ports max at 802.3at)
<b>POE Port Output Power</b>	802.3af 15.4W, 802.3at 25 Watts Max, Power on pins 1,2,3,6
<b>Uplink Ports</b>	Qty 2 combo Gigabit ports. 10/100/1000M RJ45 or SFP Fiber Optic Transceiver Module
<b>Console Port</b>	RJ45 wired as serial input (38400 8-N-1). DB9 to RJ45 adapter cable included.
<b>LED Indicators</b>	System Power, Port Link/ACT, Port POE Power, Uplink Port Connection Speed
<b>Switch Properties</b>	Priority Queues:4, IGMP Groups:256, VLAN ID Range:4K, MAC Table Size:8K, Packet Buffer Size:3Mbit
<b>Ring Recovery Time</b>	MSTP:<30ms, EAPS:<20ms
<b>Packets Per Second</b>	Up to 1,488,096
<b>Supported Standards</b>	IEEE802.3, 802.3u, 802.3ab, 802.3x, 802.1D-2004, 802.1w, 802.1s, 802.1Q, 802.1p, 802.1x, 802.3ad, 802.3af, 802.3at
<b>Supported Protocols</b>	IGMPv1/v2, GMRP, GVRP, SNMPv1/v2C/v3, DHCP Server/Client, TFTP, SNMP, RMON, HTTP, Telnet, SSH, Syslog, LLDP, IEEE 1588 PTP
<b>Supported MIB</b>	MIB MIB-II, Ethernet-like MIB, P-BRIDGE MIB, Q-BRIDGE MIB, Bridge MIB, RSTP MIB, RMON MIB Group 1,2,3,9
<b>Regulatory Approvals - Safety</b>	UL508, EN60950-1
<b>Regulatory Approvals - EMI</b>	FCC Part 15, CISPR (EN55022) class A
<b>Regulatory Approvals - EMS</b>	EN61000-4-2 Level 3, EN61000-4-3 Level 3, EN61000-4-4 Level 3, EN61000-4-5 Level 3, EN61000-4-6 Level 3, EN61000-4-8
<b>Regulatory Approvals - Mechanical</b>	IP30, IEC60068-2-32, IEC60068-2-27, IEC60068-2-6
<b>Grounding</b>	Thru 3 <sup>rd</sup> Wire AC connection or Ground Lug on Chassis. DC Isolated from Frame Ground
<b>Mounting</b>	19" rack mounting with included mounting brackets
<b>Operating Temperature</b>	-40C to +75C (-40F to 167F)
<b>Humidity (RH)</b>	5% - 95% (non-condensing)
<b>Dimensions (LxWxH)</b>	440 x 315 x 44mm (17.3" x 12.4" x 1.7")
<b>Weight</b>	5.4kg (12 lb)

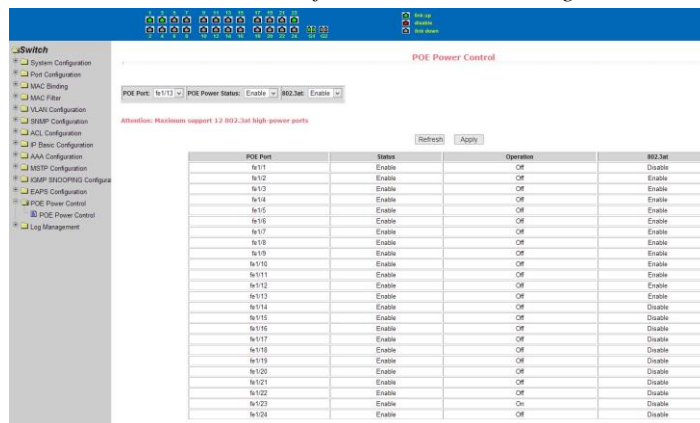
**Notes:**

- All shipments F.O.B. Bluffdale, UT 84065
- TP-SW24M-G2-POE+ carries a 2 year warranty



Back Panel

*Screenshot of POE Port Control Page*



**Ordering:**

**TP-SW24M-G2-POE+**

24Port 10/100M 802.3af/at Manageable PoE Switch with Dual Gigabit uplink

**For further information contact:**

[Tyconpower.com](http://Tyconpower.com)

