

# SmartPoE/2402

## 24 Port 10/100 Smart PoE Switch with 2 Gigabit Combo

### Features

- Conforms to IEEE802.3 10BASE-T, 802.3u 100BASE-TX, 802.3ab 1000BASE-T, 802.3z Gigabit fiber, 802.3af power over Ethernet
- Port Based VLAN /802 .1Q Tag VLAN
- IEEE802.3x Flow control:
  - Flow control for full duplex
  - Back pressure for half duplex
- High back-plane bandwidth 8.8Gbps
- IEEE802.3ad Port trunk with LACP
- Rapid spanning tree IEEE802.1w
- Spanning tree protocol IEEE 802.1d
- IGMP snooping and IGMP Query mode for Multi-media applications
- IEEE 802.1p class of service
- Port mirror and bandwidth control
- IEEE 802.1x user authentication
- Supports GVRP function
- Broadcast storm filter
- DHCP client
- Management by Web/SNMP/Telnet/CLI
- System event log support
- SNTP support

**Feeds up to 24 PoE devices!**  
**Supports PoE Power Budget  
up to 180 Watts!**



24 Port 10/100 Smart PoE Switch  
with 2 Gigabit Combo

POE-61226T

**802.3af  
Compliant**

PART NUMBER	DESCRIPTION
POE-61226T	24 Port 10/100 Smart PoE Switch w/ 2 Gigabit Combo

### SEE BACK FOR FULL SPECIFICATIONS

The SmartPoE/2402 is a multi-port switch that can be used to build high-performance switched workgroup networks. This switch is a store-and-forward device that offers low latency for high-speed networking and features a “store-and-forward” switching scheme. This allows the switch to auto-learn and store source addresses in an 8K-entry MAC address table. The SmartPoE/2402 is targeted at workgroup, department or backbone computing environments. It has twenty-four auto-sensing 10/100Base-TX RJ-45 ports and all ports support the PoE injector function. This switch also features two auto-detected Gigabit Combo ports for higher connection speed.

## SPECIFICATIONS

<b>Standards:</b>	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3z Gigabit SX/LX IEEE802.3ab Gigabit 1000T IEEE802.3x Flow Control and Back pressure IEEE802.3ad Port trunk with LACP IEEE802.1d Spanning tree protocol IEEE802.1w Rapid spanning tree protocol IEEE802.1p Class of service IEEE802.1Q VLAN Tagging IEEE 802.1x user authentication IEEE802.3af Power over Ethernet
<b>Connector:</b>	10/100TX: 24 x RJ-45 <b>RJ-45 Pin assignment and polarity:</b> 1/2:RX signal and -48V DC; 3/6:TX signal and +48V DC <b>Gigabit Combo:</b> 2 x RJ-45, 2 MINI GBIC for MINI GBIC transceiver
<b>RS-232 connector:</b>	One RS-232 DB-9 female connector for switch management
<b>Remote Pwr Feeding:</b>	End-point insert type and compatible with IEEE802.3af <b>Per port feeding power:</b> 15.4Watts (maximum) <b>Power Budget (PoE):</b> 180W <b>Switch architecture:</b> Store and forward switch architecture. Back-plane up to 8.8Gbps
<b>MAC address:</b>	8K MAC address table with Auto learning function
<b>Memory:</b>	3Mbits for packet buffer
<b>Flash ROM:</b>	512Kbytes x 2
<b>System memory:</b>	8Mbytes x 1
<b>LEDs:</b>	System Power <b>10/100TX RJ-45 Port:</b> Link/Active (Green: 1000Mbps/ Yellow: 10/100Mbps), Full-duplex/collision <b>MINI GBIC/ Copper:</b> Link/Activity, Full duplex/collision, 1000Mbps, 100Mbps
<b>Power:</b>	Embedded AC power supply: AC 100~240V, 50/60Hz, 200W
<b>Ventilation:</b>	1 DC Fan
<b>Operating environment:</b>	0°~40°, 10%~95% RH
<b>Storage environment:</b>	-40°~70°, 95% RH
<b>Dimension:</b>	440mm (W) x 280mm (D) x 44mm (H)
<b>EMI:</b>	FCC Class A, CE
<b>Safety:</b>	UL, cUL, CE/EN60950-1

<b>Software Upgrade:</b>	TFTP and console firmware upgradeable.
<b>Port Trunk:</b>	Support IEEE802.3ad with LACP function. Up to 7 trunk groups and group member up to 4. The trunk port within 24-port 10/100TX and extension module.
<b>Spanning Tree:</b>	IEEE802.1d spanning tree, IEEE802.1w rapid spanning tree.
<b>VLAN:</b>	Port based VLAN IEEE802.1Q Tag VLAN VLAN groups up to 256
<b>Class of Service:</b>	Per system supports high and low queues. The priority service rule: first come first service, all High before Low, WRR for High or low weight.
<b>Port-based Priority:</b>	Support 3 settings: "Disable, Low or High priority". When set to "Disable", the income packet will follow QOS policy; Otherwise, the packet will follow port priority setting to "High/Low" queue.
<b>IGMP:</b>	It supports IGMP snooping for multimedia application and supports 256 groups
<b>Port Security:</b>	It supports ingress and egress MAC address filter and static source MAC address lock.
<b>Port Mirror:</b>	Global system supports 3 mirroring types: "RX, TX and Both packet". The maximum of port mirror entries is up to 25.
<b>Bandwidth Control:</b>	Per port supports bandwidth control. Per level 100Kbps.
<b>802.1x Authentication:</b>	Support IEEE802.1x User-Authentication and can report to RADIUS server: Reject, Accept, Authorize, Disable
<b>DHCP:</b>	DHCP client
<b>Packet filter:</b>	Broadcast storm filter
<b>Port configuration:</b>	Port Disable / Enable. PD detect control (enable/disable), Classification detect control (enable/disable), DC disconnect detect control
<b>Fault status detect:</b>	Null: no PD present Overload: current support over 475mA @ DC 48V and over 50 milliseconds DR fail: PD discovery resistor is not in the limited range
<b>Mode status:</b>	System detects status, it will show I-sample, V-sample and R-detect.
<b>Parametric Info:</b>	It will show current PD parameters, it include Discover-resistor detected value, current, voltage, power consumption, classification current and determined class
<b>SNTP:</b>	Supports RFC 2030 Simple Network Time Protocol
<b>System log:</b>	System Log record up to 1000 entries.
<b>Power monitor:</b>	Supports power supply monitoring function for AC power

## SOFTWARE FEATURES

<b>Management:</b>	SNMP management, Telnet management, web management, RS-232 terminal console for command line interface management
<b>SNMP MIB:</b>	RFC 1157 SNMP, RFC 1213 MIB II, RFC 1643 Ethernet like, RFC 1493 Bridge MIB, RFC 2674 VLAN MIB, private MIB, RFC 1628 UPS MIB, RFC3621 Power Ethernet MIB
<b>RFC standard:</b>	RFC 2030 SNTP, RFC 1215 Trap, RFC 1757 RMON 1
<b>Type of Trap:</b>	Cold start, warm start, link down, link up, authorization fail, Trap station up to 3. Private trap for power supply device.

