AT-8000/8POE
8 port 10/100TX Layer 2 Managed PoE Switch

**AT-8000/8POE**

8 port 10/100TX Layer 2 managed PoE switch with 1 copper Gigabit port and 1 combo SFP slot.

**High Performance**

Allied Telesis managed switch AT-8000/8POE provides non-blocking, wirespeed switching on all ports. The switch offers 10/100Mbps ports for desktop, wireless access point, printer and IP phone connectivity and 10/100/1000T or SFP ports for server or backbone connectivity. It also features broadcast-storm control and full auto-negotiation 10/100 ports which automatically detect speed and duplex modes of attached devices, allowing the switch to automatically configure for the best possible performance.

**Easy To Use**

Allied Telesis AT-8000/8POE is tailored for small and medium size networks including hotels, schools and universities. Allied Telesis AT-8000/8POE switch supports Power over Ethernet (PoE) which reduces the cost and complexity of IP communications and wireless LAN deployments. PoE is an advanced technology that allows a switch to supply power and provide Ethernet connectivity at the same time over category 5 cable to inline power devices, such as wireless access points, cameras, IP phones. The PoE ports eliminate the cost and complexity of running additional power outlets or cable to inline power devices.

**Management**

Although a plug & play device, the AT-8000/8POE switch includes an extensive range of management features including Web-based management, Command Line Interfaces (CLI), SNMP and Telnet. The AT-8000/8POE switch can be used as a desktop switch or in a rack. The switch is MDI/MDI-X on all ports for simple connection to other hubs and switches. Front panel LEDs allow users to monitor the switch status providing simple ‘at a glance’ management.

**Rich Feature Set**

Richly equipped with features normally found on higher-priced products the AT-8000/8POE switch supports RADIUS, VLAN tagging and more. Bandwidth hungry networks can streamline traffic with the four priority queues found in the IEEE 802.1p prioritization feature. High traffic points can be addressed with the IEEE 802.1ad link aggregation and LACP feature supported. Built-in advanced security features, including security with IEEE 802.1x authentication help ensure that your devices and network are protected.

**Key Features**

- SNMP v1 and v2
- Telnet remote login
- Non blocking architecture
- Wirespeed performance
- Rapid Spanning-Tree
- RADIUS
- Four priority queues per port
- VLAN tagging
- Port mirroring
- Link aggregation - LACP*
- SNTP*
- GVRP*
- IEEE 802.3af Power over Ethernet

* future release
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**Performance**
- Wirespeed switching on all Ethernet ports for all packet sizes
- Throughput: 2.68Mpps
- Switching capacity: 3.6Gbps

**Reliability**
- MTBF: 200,000+ hrs
- MTTR: <1/2 hr DoA <1%

**Interface Connections**
- 10/100TX RJ-45
- 10/100/1000T RJ-45
- RS232 DB9 pin, male port
- Internal power supply

**Power Characteristics**
- Voltage: 100-240V AC
- Current: 2.25A
- Power consumption: 30W maximum
- Frequency: 50-60Hz
- PoE budget: 95W

**Environmental Specifications**
- Operating temp.: 0°C to 45°C (32°F to 113°F)
- Storage temp.: -25°C to 70°C (-13°F to 158°F)
- Relative humidity: 10% to 90% non-condensing
- Storage humidity: 5% to 95% non-condensing
- Operating altitude: Maximum 3,000m (9,843ft)

**Physical Characteristics**
- Dimensions: 33cm x 22.8cm x 4.32cm (W x D x H)
- Weight: 2.2kg (4.9lbs)

**Mounting**
- 19” rack-mountable hardware included

**Standards and Compliance**
- IEEE 802.1D Spanning-Tree Protocol
- IEEE 802.1W Rapid Spanning-Tree
- IEEE 802.1p Class of Service
- IEEE 802.1Q VLAN bridge
- IEEE 802.1x Port-based network access control
- IEEE 802.3i 1OT Ethernet
- IEEE 802.3ab 10GOT Ethernet
- IEEE 802.3ac VLAN tag frame extension
- IEEE 802.3ad Link aggregation — LACP*
- IEEE 802.3u 100OT Ethernet
- IEEE 802.3x Back pressure/flow control
- IEEE 802.3af Power over Ethernet (mode B)
- IEEE 802.3z 1000SX
- RFC 1112 IGMP snooping v1.0/ v2.0
- RFC 2865 RADIUS
- RFC 783 TFTP
- RFC 951 BOOTP/DHCP IP address management

**SNMP Standards**
- RFC 1150 SNMPv1/v2
- RFC 1213 MIB-II
- RFC 1215 TRAP MIB
- RFC 1493 Bridge MIB
- RFC 1757 RMON 4 groups: stats, history, alarms, events
- RFC 2674 IEEE 802.1Q MIB
- RFC2863 Interfaces group MIB
- Allied Telesis managed switch MIB

**Management Standards**
- Web interface — multiple sessions can be supported at the same time
- Console Command Line Interface
- SNMP compatibility
- Telnet remote login — multiple sessions can be supported at the same time
- Port mirroring
- Dual software images
- RFC 2030 SNTP*

**Electrical/Mechanical Approvals**
- Safety: UL 1950 (UL/cUL), EN60950 (TUV)
- EMI: FCC Class A, EN55022 Class A, VCCI Class A, COTick, EN61000-3-2, EN61000-3-3
- Immunity: EN55024
- RoHS compliant

**Country of Origin**
- China

**Ordering Information**
- AT-8000/8POE-xx
- 8 port 10/100TX managed switch with
  1 combo copper Gigabit port / 1 SFP slot

Where xx =
- 10 for US power cord
- 20 for no power cord
- 30 for UK power cord
- 40 for Australian power cord
- 50 for European power cord