



AT-FS750/24POE

24-Port Fast Ethernet POE WebSmart Switch

AT-FS750/24POE-xx

24 port 10/100TX POE Websmart Switch with 2 SFP Combo Ports

Performance

Allied Telesis' WebSmart switch integrates the simplicity of unmanaged switches with the performance and reliability of managed switches to provide a cost-effective solution for users to integrate management at the edge of their network. This WebSmart switch provides a network manager some key features using the simple web-based management function such as; port based Vlans, 802.1p QoS, port trunking/link aggregation, port mirroring, priority queue's & 802.1x security support. With support of up to 8K MAC addresses & a 512K packet buffer the AT-FS750/24POE WebSmart switch is an ideal option for integrating management into your network solution.

Power Over Ethernet

Capable of providing up to 12 ports of Class 2 802.3af POE power (6 ports Class 3), the AT-FS750/24POE is ideally suited for those applications using security camera, wireless access points, IP phones, or other POE powered device. The POE options eliminates the need for power rewiring and minimizes the clutter of power supplies and adapters in awkward places.

Value

Never thought you could afford managed switches in your network? Always wanted to provide management functionality at the edge? Now's your chance. Allied Telesis' WebSmart switch truly helps network managers get the most value for their dollar. With industry standard protocols, fiber media support via the SFP's, and simple plug n play usability right out of the box, how can you go wrong implementing this cost-effective solution into your network?

Quality & Reliability

Allied Telesis is a worldwide leader in unmanaged Ethernet switches. Shipping more than 250,000 unmanaged switches each year, Allied Telesis offers proven reliability and industry recognized quality.

Key Features

VLAN

- 802.1Q
- Port-based
- Up to 64 groups

Quality of Service Classification

- 802.1p tagging
- Port based priority
- Four priority queues per port

IP Multicast Support (IPv4)

- IGMP snooping(v1/v2)
- Static multicast group
- Spanning Tree, 802.1d/w

802.3ad Link Aggregation

- Manual

802.1x port-based and MAC-based Network Access Control

- Local authentication server (MD5 only)
- Remote authentication through RADIUS
- Dynamic VLAN assignment

- RADIUS client for 802.1x

- DHCP client

- Statistics charts in WEB

Others

- 802.3x flow control or *HOL Blocking prevention (*when flow control is off)
- Port Mirroring
- Destination MAC filtering
- Ingress/Egress rate limiting
- Broadcast storming control

Management Features

Window based supporting

- Switch discovery management up to 254 switches
- Monitor list
- Trap view
- Device setting

- Firmware upgrade by FTP and Web

- Configuration backup/restore by FTP

- Factory reset

- Password access control & restricted IP access list

- SNMPv1/v2c

MIBs

- RFC1213 MIB-II
- RFC1643 Ethernet MIB
- RFC1493 Bridge MIB
- Private Enterprise MIB (ATI provide the spec)

RMON groups (1,2,3,9)

- Stats
- History
- Alarms
- Events

PoE Intelligent Management

- IEEE 802.3af standard
- 12 10/100TX ports support PoE function (Ports 1 to 12)
- Support up to 6 10/100TX ports in 15.4W simultaneously
- PoE module function tests
- Per-port LED/status monitoring
- Automatic detection and power budgeting

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Performance

14,880pps for 10Mbps Ethernet
148,800pps for 100Mbps Ethernet
1,488,000pps for 1000Mbps Ethernet

MAC Addresses	8K
Packet Buffer	512KB
DRAM	32M
Flash	4M

Power Characteristics

Voltage	90-240vAC
Frequency	50/60Hz
PoE	100W, 48vDC

Interface Connections

10/100	RJ-45
SFP	1000SX or 1000LX

Environmental Specifications

Operating Temp.	0°C to 40°C (32°F to 104°F)
Non-operating Temp.	-25°C to 70°C (-13°F to 158°F)
Operating Humidity	5% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Vibration	IEC 68-2-36
Shock	IEC 68-2-29
Drop	IEC 68-2-32

Technical Specifications

Physical Characteristics

Dimensions 44.4cm x 32.2cm x 4.35cm
17.5" x 12.7" x 1.7"

Weight 4.13 kg (9.11 lbs)

Wall-mount or Desktop

All units come with Wall / 19" Rack mount brackets

Standards & Compliance

IEEE802.3	CSMA/CD
IEEE802.3i	10 Base T
IEEE802.3u	100 Base TX
IEEE802.3z	1000 Base SX/LX
IEEE802.3z/ab	1000 Base T
IEEE802.3x	Flow-Control
IEEE 802.1p	Prioritization (4 queues)
IEEE802.1x	Authentication
IEEE802.1d	Bridging
IEEE802.3ad	Link Aggregation
IEEE802.1Q	VLAN
IEEE802.1d/w	Spanning Tree Rapid Spanning Tree
IEEE802.3af	POE

Electrical/Mechanical Approvals

UL 1950
FCC/EN55022 Class A
VCCI Class A
C-Tick
EN60950 (TUV)
EN55024
CE
CSA / CUL

MTBF

256,000 Hours
Bellcore TR332

Ordering Information

AT-FS750/24POE-xx

24 port 10/100TX POE WebSmart Switch
with 2 SFP Combo Ports

Where xx	= 10 for U.S. power cord
	= 20 for no power cord
	= 30 for U.K. power cord
	= 40 for Australia power cord
	= 50 for Europe power cord

Product Contents

Switch unit
Rackmount/wall mount brackets & screws
Power Cord
User Manual/Install guide on CD
Rubber feet

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