



AT-FS750/24

24 port Fast Ethernet WebSmart Switch

AT-FS750/24-xx

24 port 10/100TX 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, IEEE 802.1p QoS, port trunking/link aggregation, port mirroring, priority queues and IEEE 802.1x security support. With support of up to 8K MAC addresses and a 512K packet buffer the AT-FS750/24 WebSmart switch is an ideal option for integrating management into your network solution.

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 truely helps network managers get the most value for their dollar. With industry standard protocols, fiber media support via the SFP's and simple Plug & Play usability right out of the box how can you go wrong implementing this cost-effective solution into your network?

Quality and 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

VIAN

- Up to 200 IEEE 802.1Q VLANs
- Up to 52 port-based

Quality of Service Classification

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

IP Multicast Support (IPv4)

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

IEEE 802.3ad Link Aggregation

Manual

IEEE 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 IEEE 802.1x
- DHCP client
- · Statistics charts in Web
- Jumbo frames up to 9K

Others

- IEEE 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
- 100FX SFP support
- Switch fabric non-blocking, full wirespeed

Management Features

- Firmware upgrade by FTP and Web
- · Configuration back-up/restore by FTP
- Factory reset
- Password access control and restricted IP access list
- SNMPv1/v2c

MIBs

- RFC 1213 MIB-II
- RFC 1643 Ethernet MIB
- RFC 1493 Bridge MIB
- Private Enterprise MIB (Allied Telesis provides the spec)

RMON Groups (1, 2, 3, 9)

- Stats
- History
- Alarms
- Events

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Performance

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

MAC addresses 8K VLAN ID's available

Max VLANs 200 tagged + 56 port-based

Multicast Up to 32 static multicast

groups

4MB Flash SDRAM 16MB

2MB embedded Switch memory

256KB Packet buffer

Switching capacity 8.8Gbps Throughput 6.6Mpps

Power Characteristics

Voltage 100-240V AC Frequency 50/60Hz

Interface Connections

10/100/TX RJ-45 1000T RJ-45

SFP 100FX, 1000SX, 1000LX,

10/100/1000T

Environmental Specifications

0°C to 45°C Operating temp.

(32°F to 113°F) -20°C to 70°C Non-operating temp.

(-4°F to 158°F)

5% to 90% non-condensing

Operating humidity Storage humidity 5% to 95% non-condensing

IEC 68-2-36 Vibration IEC 68-2-29 Shock Drop IEC 68-2-32 **Technical Specifications**

Physical Characteristics

44cm x 25.7cm x 4.32cm Dimensions

(17.3 x 10.1 x 1.7 in)

Weight 3.24kg (7.15 lbs)

Wall-mount or Desktop

All units come with wall / 19" rack-mount brackets

Standards and Compliance

IEEE 802.3 CSMA/CD IEEE 802.3i 10T IEEE 802.3u I OOTX IEEE 802.3z 1000SX/LX IEEE 802.3z/ab 1000T IEEE 802.3x Flow control

IEEE 802.1p Prioritization (four queues)

IEEE 802.1x Authentication IEEE 802.1d Bridging IEEE 802.3ad Link aggregation IEEE 802.1Q Tagged VLAN IEEE 802.1d/w Spanning-Tree

Rapid Spanning-Tree

Electrical/Mechanical Approvals

UL 1950

FCC/EN55022 Class A

VCCI Class A C-Tick EN60950 (TUV) EN55024 CE CSA / CUL

MTBF

187,805 hours Bellcore TR332 **Ordering Information**

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10 for US power cord Where xx =

20 for no power cord 30 for UK power cord 40 for Australian power cord

50 for European power cord

Product Contents

Switch unit

Rack-mount brackets and screws

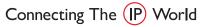
Power cord

User manual/install guide on CD

Rubber feet

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