

AT-8024, Managed Fast Ethernet Switch

AT-8024, 24 port managed Fast Ethernet switch

KEY FEATURES

9.6Gbps switch fabric

Wirespeed

Non-blocking

Web-based management

SNMP support

IEEE 802.1Q VLAN tagging

IEEE 802.1p Prioritization

IEEE 802.3ad
Link Aggregation

Port security

Port mirroring

Auto MDI/MDIX

1 RU form factor

IGMP v1 and v2

Lifetime limited warranty

PERFORMANCE

Allied Telesyn's AT-8024 Fast Ethernet managed switch provides exceptional performance, ease of use and flexibility at an affordable price. Utilizing a robust 9.6Gbps non-blocking switching architecture for wire speed packet forwarding and featuring priority queuing for weighted packet management, the AT-8024 is ideally suited for deployment in small and medium enterprises, in multi-unit buildings, hotels, schools and universities.

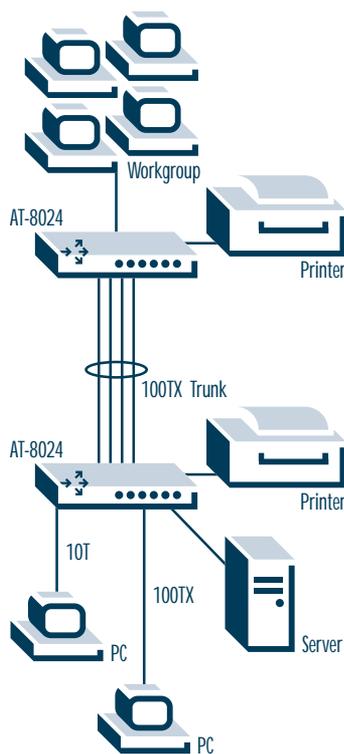
MANAGEMENT

Although the AT-8024 switch can be used as a plug-and-play device, an extensive range of management is provided at no additional charge. Management features include Web-based management, SNMP and Telnet.



RICH FEATURE SET

Richly equipped with features that include 802.1Q VLAN tagging and IEEE 802.1p priority queuing, the AT-8024 allows for greater network micro-segmentation and traffic prioritization. When network managers have bandwidth hungry or time sensitive data, these switches can be programmed to prioritize this traffic over other types. The AT-8024 also features IEEE 802.3ad compliant Link Aggregation capabilities on each 10/100 port and supports up to 4 ports in a trunk group. Auto-negotiation and broadcast storm control capabilities on all ports are included. Additionally the Auto-MDI/X feature allows easy connection to other switches from any port.



ABOUT ALLIED TELESYN, INC.

Allied Telesyn, Inc. leads the world in network technologies for the access edge. Since the company's inception in 1987, Allied Telesyn has been developing IP-based network products for use in video, voice and data networks at the metro edge, in education, government agencies and across the enterprise. Allied Telesyn's access, aggregation and core transport technologies range from simple Ethernet adapters, hubs and media converters to robust multi-layer Gigabit Ethernet switches and routers, wireless systems, DTM and WDM transport solutions for delivering real-time voice, video and data. Allied Telesyn's comprehensive support and professional service programs are suited to meet the growing demands of today's switched broadband infrastructures.

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SWITCHES

 **Allied Telesyn**
Simply connecting the IP world

AT-8024, Managed Fast Ethernet Switch

PERFORMANCE

9.6Gbps switching fabric
Up to 8.8Mpps
14,880pps for 10Mbps Ethernet
148,800pps for 100Mbps Ethernet
1,488,000pps for 1000Mbps Ethernet

MAC addresses 4K
Buffer Memory 6MB
VLANs 32

Basic VLAN mode
Broadcast Storm Control
Head of Line Blocking
Half/Full Duplex
Autonegotiation
Auto MDI/MDIX

RELIABILITY

MTBF 46,000 hours

INTERFACE CONNECTIONS

10/100TX Shielded RF-45
RS232 9 pin female port

NETWORK MANAGEMENT

SNMP
Web-based management
RS232 Console Access
Command Menu Interface (ATI Omega)
Telnet

POWER CHARACTERISTICS

Voltage 100-240vAC
Current 4.0/2.0A
Frequency 50-60Hz
Power Consumption 30W Max.

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)
Relative Humidity 95% noncondensing

PHYSICAL CHARACTERISTICS

Height 4.4cm (1.8")
Width 44cm (17.3")
Depth 18.5cm (7.3")
Weight 2.7kg (6lbs)
Mounting 19" rackmountable, hardware included

STANDARDS AND COMPLIANCE

IEEE 802.3 10T Ethernet
IEEE 802.3u 100TX Ethernet
IEEE 802.3ad Link Aggregation
IEEE 802.1d Spanning Tree
IEEE 802.1p Class of Service
IEEE 802.1Q VLAN Tagging
IEEE 802.3x Flow Control
RFC 1112 IGMP Snooping v1
RFC 2236 IGMP Snooping v2
RFC 951 BootP
RFC 2131 DHCP
RFC 1350 TFTP

SNMP STANDARDS

RFC 1213 MIB II
RFC 1493 Bridge MIB
RFC 1573 Interface Group MIB
RFC 1643 Ethernet MIB
RFC 1757 Remote Network MIB

ELECTRICAL/MECHANICAL APPROVALS

UL 1950
FCC Class A
CSA 22.2 No. 950
EN55022 Class A
En 60950 (TUV)
EN50082-1
VCCI

COUNTRY OF ORIGIN

Indonesia

ORDERING INFORMATION

AT-8024-xx

24 port managed Fast Ethernet switch

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 European power cord

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