AT-9410GB, Managed Gigabit Ethernet Switch

AT-9410GB, 10 port 10/100/1000TX managed Gigabit Ethernet switch plus 2 GBIC bays

KEY FEATURES

24Gbps switch fabric

10 fixed copper 10/100/1000T ports

2 GBIC bays for fiber media

Wirespeed

Non-blocking

Supports up to 256 VLANs

GVRP support

Web-based management

SNMP support

RMON support

Port Security

Port Mirroring

Auto MDI/MDIX

IGMP v1 and IGMP v2

1 RU form factor

Lifetime limited warranty

PERFORMANCE

The AT-9410GB is Allied Telesyn's newest addition to the Layer 2 Gigabit Ethernet switch category. With up to 35.7Mpps throughput and up to 256 VLANs, the AT-9410GB is a powerhouse for Gigabit aggregation needs.

SCALABILITY

Extend your network by using the 2 gigabit interface converter (GBIC) bays on the front of the AT-9410GB. These GBIC bays will house the AT-G8 family of GBICs from Allied Telesyn, featuring plug and play ease of use and hot swappable functionality.

MANAGEMENT

The AT-9410GB has an integrated management agent, which provides an embedded web server, SNMP, RMON, console telnet capabilities.

RICH FEATURE SET

The AT-9410GB features port security, port mirroring, auto-negotiation, broadcast storm control, and Group VLAN Registration Protocol (GVRP). In addition, it incorporates the latest and most important IEEE Standards including VLAN tagging, Spanning Tree, Link Aggregation, Class of Service with 2 priority queues and Flow Control. Up to 4 trunks are supported. Trunks can be comprised of up to 8 ports of the same speed and media.

ABOUT ALLIED TELESYN

Allied Telesyn 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.

SERVICE & SUPPORT

Allied Telesyn provides value-added support services for its customers under its Net.Cover℠ programs. For more information on Net.Cover℠ support programs available in your area, contact your Allied Telesyn sales representative or visit our website.

www.alliedtelesyn.com

SWITCHES

Allied Telesyn

Simply connecting the (IP) world

PERFORMANCE

24Gbps switch fabric

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

MAC addresses	8K
Buffer Memory	8MB
VLANs	256

Broadcast Storm Control
Head of Line Blocking Prevention
Half/Full Duplex
Auto-negotiation
Auto MDI/MDIX

RELIABILITY

MTBF   65,000 hours

INTERFACE CONNECTIONS

10/100TX/1000T	Shielded RJ-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	60W Max.

ENVIRONMENTAL SPECIFICATIONS

Operating Tempe.	0°C to 40°C (32°F to 104°F)
Non-Operating Temp.	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	90% noncondensing

PHYSICAL CHARACTERISTICS

Height	4.4cm (1.7″)
Width	44cm (17.3″)
Depth	25.5cm (9.9″)
Weight	3.98kg (8.85lbs)
Mounting	19" rackmountable, hardware included

STANDARDS AND COMPLIANCE

IEEE 802.3	10T Ethernet
IEEE 802.3u	100TX Ethernet
IEEE 802.3ab	1000T Ethernet
IEEE 802.3z	1000X Ethernet
IEEE 802.3ad	Link Aggregation
IEEE 802.1d	Spanning Tree
IEEE 802.1p	Class of Service, priority protocols
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
RFC 1757	RMON Groups 1,2,3 and 9

SNMP STANDARDS

RFC 1213	MIB II
RFC 1493	Bridge MIB
RFC 1757	Remote Network MIB
Private MIB	

ELECTRICAL/MECHANICAL APPROVALS

UL 1950
EN 60950 (TUV)
FCC Class A
EN55022 Class A
CE Class A
C-TICK
EN61000-3-2
EN61000-3-3
EN55024

COUNTRY OF ORIGIN

China

ORDERING INFORMATION

AT-9410GB-xx

10 port 10/100/1000T managed
Gigabit Ethernet switch with RJ-45 connectors
and 2 GBIC bays

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

Gigabit Interface Converter (GBIC) modules

AT-G8SX
500m SX GBIC, based on 50 micron fiber
220m SX GBIC, based on 62.5 micron fiber

AT-G8LX10
10km LX GBIC, based on 9 micron fiber

AT-G8LX25
25km LX GBIC, based on 9 micron fiber

AT-G8LX40
40km LX GBIC, based on 9 micron fiber

AT-G8LX70
70km LX GBIC, based on 9 micron fiber

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