Allied Telesyn

Switches

8300GB Series
Managed Stackable Fast Ethernet Switches

AT-8326GB

24 port 10/100TX managed stackable Fast Ethernet switch
plus 2 copper Gigabit ports and 2 GBIC bays

AT-8350GB

48 port 10/100TX managed stackable Fast Ethernet switch
plus 2 copper Gigabit ports, 2 GBIC bays, and 1 expansion bay

PERFORMANCE

Utilising a powerful switch fabric, the AT-8326GB and AT-8350GB pass traffic reliably and efficiently with wirespeed performance and non-blocking architecture. When stacked up to 144 ports with the integrated stacking modules, the AT-8326GB and AT-8350GB pass data packets at an impressive stacked backplane speed of 2.66Gbps. This high performance switch is ideal for small and medium enterprises, multi-unit buildings, hospitality, schools, and universities.

SCALABILITY

Expand your network using one of a variety of combinations. You can choose either 2 fixed copper Gigabit ports or 2 fibre GBIC bays or choose 1 fixed copper port and 1 fibre GBIC bay. For more flexibility, the fixed copper Gigabit ports can be used at 10MB, 100MB, or 1000MB speeds. The GBIC bays can be populated with hot swappable, Plug & Play fibre GBICs. The AT-8350GB offers one expansion bay on the back of the unit. This expansion bay can be populated with either an optional dual port 100FX module or an optional dual port 1000T module.

MANAGEMENT

The AT-8326GB and AT-8350GB have an integrated management agent, which provides an embedded web server, SNMP, RMON, console telnet capabilities.

RICH FEATURE SET

The AT-8326GB and AT-8350GB come complete with a number of value-added standards and features including IEEE 802.1Q VLAN tagging, IEEE 802.1p Priorisation, IEEE 802.3ad Link Aggregation, Group VLAN Registration Protocol (GVRP), Port Security, and Port Mirroring. Based on IEEE 802.3ad, the AT-8326GB supports up to three trunk groups.

About Allied Telesyn

Allied Telesyn International is a member of the Allied Telesis Group (ATI) who, founded in 1987, now has offices throughout the globe, over 3,000 employees worldwide and over $600M of worldwide annual revenue. The attributes which have led ATI to achieve its leading position in both the enterprise, operator and connectivity business segments can be summarised by four key elements: its business focus on networking technology for professional markets, where ATI has proved to be the only company capable of providing a total end-to-end solution at a high price/performance ratio; the ability to handle every aspect of its own products from design to marketing; the development of components and solutions which accommodate flexible, efficient and reliable network construction; support from sound warranty terms and quality services. Allied Telesyn connects the IP world efficiently thanks to affordable and highly reliable network solutions. For more information see: www.alliedtelesyneurope.com

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.

Key features

- Stack up to 144 ports
- Integrated stacking modules
- Wirespeed
- Non-blocking
- 2 copper Gigabit fixed ports
- 2 GBIC bays for fibre media
- 1 expansion bay (AT-8350GB only)
- 100FX modules (AT-8350GB only)
- Gigabit modules (AT-8350GB only)
- Supports up to 256 VLANs
- GVRP support
- Web-based management
- SNMP support
- RMON support
- Port Security
- Port Mirroring
- Auto MDI/MDI-X
- IGMP v1 and IGMP v2
- 1 RU form factor
- Redundant power supply option (AT-8350GB only)
- Lifetime limited warranty

8300GB Series
Managed Stackable Fast Ethernet Switches

PERFORMANCE

AT-8326GB
16Gbps switch fabric
6.5Mpps forwarding rate

AT-8350GB
32Gbps switch fabric
13.0Mpps forwarding rate

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

MAC addresses	8,000
Buffer Memory	16MB
VLANs	256

Broadcast Storm Control
Head of Line Blocking Prevention
Half/full-duplex
Auto-negotiation
Auto MDI/MDI-X

RELIABILITY

MTBF	42,000 hours

INTERFACE CONNECTIONS

100FX	SC or MT connectors
10/100TX/1000T	Shielded RJ45
RS232	9 pin female

NETWORK MANAGEMENT

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

POWER CHARACTERISTICS

Voltage	100-240V AC
Current	4.0/2.0A
Frequency	50-60Hz

ENVIRONMENTAL SPECIFICATIONS

Operating Temp.	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	95% non-condensing

PHYSICAL CHARACTERISTICS

Height	4.4cm (1.7")
Width	44cm (17.3")
Depth	18.5cm (7.3")
Weight	
AT-8326GB	2.7kg (6lbs)
AT-8350GB	3.7kg (10lbs)
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
FCC Class A
CSA 22.2 No. 950
EN55022 Class A
EN 60950 (TUV)
EN50082-1

COUNTRY OF ORIGIN

China

ORDERING INFORMATION

AT-8326GB-xx

24 port 10/100TX stackable managed Fast Ethernet switch with RJ45 connectors,2 fixed 1000T ports and 2 GBIC bays

AT-8350GB-xx

48 port 10/100TX stackable managed Fast Ethernet switch with RJ45 connectors, 2 fixed 1000T ports, 2 GBIC bays and 1 expansion bay

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

Gigabit Interface Converter (GBIC) modules

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

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

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

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

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

Expansion modules (AT-8350GB only)

AT-A48/SC
Dual port 100FX module with SC connectors

AT-A48/MT
Dual port 100FX module with MT connectors

AT-A49
Dual port 1000T module with RJ45 connector

Redundant Power Supply options (AT-8350GB only)

AT-RPS2001	Redundant Power Supply
AT-RPS2004	Redundant Power Supply chassis with support for up to four AT-8350GB switches

Only nature can do better

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