





### AT-AR750S

### Secure VPN Router

#### **AT-AR750S**

- 2 x WAN 10/100BASE-T ports
- 5 x LAN 10/100BASE-T ports
- 2 x PICs
- I x Asynchronous console / Modem port

#### **Secure Modular Routing Solution**

The AT-AR750S has been designed with the needs of small to medium enterprises/businesses (SME/SMB) or branch office businesses in mind. The AT-AR750S offers significant advances in processing performance, Quality of Service (QoS), routing, remote connectivity and security.

#### **Extensive VPN Cabability**

The AT-AR750S provides extensive IPSec-based VPN capability, allowing the interconnection of offices, remote tele-workers, and other users who require secure access to a corporate network. The integrated hardware acceleration, standard on the AT-AR750S, maximizes encryption throughput and removes the need to purchase a hardware upgrade package. The AT-AR750S is also compatible with industry standard IPSec VPN clients.

#### **Security**

In addition to hardware-based encryption, the AT-AR750S comes with other advanced security features such as traffic filtering with event logging. Traffic filtering uses the source and destination address, port, protocol and TCP packet type to provide control over traffic that passes through the AT-AR750S. A Stateful Inspection Firewall provides an increased level of security and complements the packet filtering function. HTTP and SMTP proxies on the AT-AR750S provide improved control over web and mail communications.

#### **Quality of Service**

Allied Telesis' QoS implementation enables the AT-AR750S to dynamically identify high priority voice, video and application traffic, so that appropriate service levels can be

maintained in congested networks. Advanced QoS allows voice, video, and data traffic to have QoS applied within individual IPSec tunnels, over GRE, as well as IPv6 to IPv4 tunnels.

#### **Performance**

The AT-AR750S provides superior performance over other secure VPN routers in this market space. While most secure routers have Stateful Firewalls with NAT, QoS, and IPsec VPN termination capability, very few can perform all three functions and still provide excellent performance with the mixed packed sizes seen in real networks. The AT-AR750S has been designed to meet real network needs.

Stateful Firewall inspection, NAT and QoS: >50Mbps @ 64 byte packets

Stateful Firewall inspection, NAT, QoS, IPsec VPN (with AES 256 bit encryption): >35Mbps @ 72 byte packets

The AT-AR750S can achieve up to 195 Mbps IPsec throughput with bidirectional traffic.

This level of performance enables secure siteto-site VPNs over multiple WAN interfaces while still firewalling the local network across multiple LAN ports.

# Comprehensive Management and Configuration

The AT-AR750S comes with a comprehensive suite of management features and is also compatible with SNMP-based management packages. An extensive command set is available via the Command Line Interface (CLI), and a browser-based Graphical User Interface (GUI) is also provided to simplify the AT-AR750S' configuration and management. The GUI provides access to default set-ups in key management areas and provides access to regional settings. Allied Telesis' SNMP support extends to SNMPv3 to provide secure management.

#### **Key Features**

#### Hardware

- 2 x 10/100 WAN interfaces
- 2 x Port Interface Cards (PICs)
- 5 x 10/100BASE-T switched LAN ports
- I x Asynchronous port / Modem Port
- DMZ port: configurable on any of the WAN/LAN ports
- RoHS Compliant

#### **Security**

- IP Filtering
- · Stateful Inspection Firewall
- 802.1x
- Authentication: RADIUS, TACACS, MD5, PAP, CHAP

#### **VPN/Encryption**

- NAT-T
- AES, DES, 3DES encryption
- 5,000 configured IPsec VPN tunnels (250 active tunnels)
- HW accelerated IPsec VPN >35Mbps@72byte packets (with AES 256 bit encryption)
- Up to 195 Mbps IPsec throughput with large packets

#### **Manageability**

- Web based GUI
- CLI management
- SNMPv3
- IP QoS

#### **Extensive routing support, including:**

- RIPvI and v2
- OSPFv1 and v2
- GRE, L2TP
- IPX
- VRRP
- RIPng
- IPv6 optional
- BGP-4 optional

#### Multicast routing protocols, including:

- PIM-DM
- PIM-SM
- DVMRP
- IGMPv2
- IGMP Snooping
- IPv6 Multicast optional
- PIM6
- MLD

# Support for traditional network protocols, including:

- X.25
- Frame Relay

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#### **WAN Load Balancing**

The AT-AR750S' WAN Load Balancer enables the router to combine bandwidth from multiple WAN connections for increased throughput, redundancy and reliable WAN connectivity. When a router simultaneously connects to multiple WAN networks, the WAN Load Balancer will distribute the traffic based on any one of a number of selectable balancing algorithms. A typical example would be a router that has two Internet connections each exchanging data to remote sites via different Internet providers. In this case an outage limited to one network will not result in a loss of connectivity to these sites.

#### **Feature Summary**

**Routing and Multicast** 

PPP and IP Routing RIP v1 & v2

OSPF v1 & v2 BGP-4 (optional)

IPX IGMPv2

PIM-SM / DM DVMRP (including

draft\_ietf\_idmr\_dvmrp\_v3\_10)

#### **WAN Protocols**

X.25 Frame Relay

.

Security

IP Filtering

Stateful Inspection Firewall SMTP & HTTP Proxy

802.1x

 $\hbox{Authentication: RADIUS,TACACS, MD5, PAP, CHAP}\\$ 

SSH SSLv1

**VPN** 

L2TP GRE

IPSec IKE

ISAKMP

PKI

Encryption: DES, 3DES, AES  $MS^{TM}$  XP VPN client interoperability

Hardware acceleration

QoS

Extensive Traffic classifiers of L2 to L5 traffic to allow appropriate queuing of traffic.

IP: IP source/destination address, TOS

& DiffServ

Ethernet: MAC source/destination, 802.1q

TCP/UDP: Port numbers

VoIP: RTP source & destination

Queuing:

Low latency queuing (LLQ)

Class-based weighted fair queuing (CBWFQ)

Deficit Round Robin (DRR)

Supported tunnel interfaces: PPP, L2TP, IPsec, GRE

#### **Management**

CLI

Browser Based GUI SNMPv3

#### IPv6

RIPng

IPv6 RFC 2460

Neighbour discovery RFC 2461

Stateless address auto configuration RFC 2462

ICMPv6 RFC 2463

Transmission of IPv6 packets RFC 2464 Connection of IPv6 domains via IPv4 clouds RFC 3056

DHCPv6

#### **Reliability**

MTBF: >120 000 hrs

#### **Hardware Features**

 $5 \times 10/100 \text{ Mbps (LAN)}$  $2 \times 10/100 \text{ Mbps (WAN)}$ 

2 x Port Interface Cards (PICs) I x Async Console port

DMZ port: Obtained by configuring one of the WAN or LAN ports

#### **Processor**

533MHz

Internal security encryption engine

#### **Memory**

64MB Ram 16MB Flash

#### **Power Characteristics**

Input Voltage: 100-240 VAC, 50-60 Hz Max Power Consumption: 40W Internal Battery Backup (1 year)

### **Physical Dimensions**

Dimensions: IRU rack mount (with included

kit), Depth 190mm,

Width 305mm, Height 44mm

Weight: 1.94 kg

#### **Environmental**

Operating Temp: 0°C to 40°C Storage Temp: -25°C to 70°C Operating relative humidity: 5 to 80%

non-condensing

Acoustic: ANSI S12.10 General Office @ 40dB Operating Altitude: Up to 10,000 feet

#### **Approvals & Certifications**

UL TUV UL60950 EN60950 EN55022 class A EN55024 FCC class A VCCI class A

AS/NZS CISPR22 class A

CE

#### **Optional Extras**

#### **Port Interface Cards:**

AT-AR020 Single configurable E1/T1 interface

supporting channelized / unchannelized Primary Rate ISDN / Frame Relay

AT-AR021S Single Basic Rate ISDN (S/T) interface  $(V3)^{I}$ 

(V )

AT-AR023 Single Synchronous port up to 2Mbps to an external CSU/DSU (AT-V.35-DTE-00 or AT-X.21-DTE-

00 cable required)

AT-AR024 Four Asynchronous RS-232 interfaces to 115Kbps

**Country of Origin** 

China

AR021S (V3) requires AlliedWare® Operating System version 2.9.1-13 or later

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RFC 1542 BootP

Control Protocol (IPXCP)

RFC 1598 PPP in X.25

RFC 1570 PPP LCP Extensions

RFC 1582 RIP on Demand Circuits

RFC 1552 The PPP Internetworking Packet Exchange

#### Standards and Protocols RFC 1618 PPP over ISDN RFC 2402 AH - IP Authentication Header Software Release 2.9.1 RFC 1661 The Point-to-Point Protocol (PPP) RFC 2403 IPsec Authentication - MD5 RFC 1701 GRE RFC 2404 IPsec Authentication - SHA-I RFC 1702 GRE over IPv4 RFC 2405 IPsec Encryption - DES RFC 1771 Border Gateway Protocol 4 RFC 1762 The PPP DECnet Phase IV Control Protocol RFC 2406 ESP - IPsec encryption RFC 1966 BGP Route Reflection (DNCP) RFC 2407 IPsec DOI RFC 1997 BGP Communities Attribute RFC 1812 Router Requirements RFC 2408 ISAKMP RFC 1998 Multi-home Routing RFC 1877 PPP Internet Protocol Control Protocol RFC 2409 IKE RFC 2385 Protection of BGP Sessions via the TCP MD5 Extensions for Name Server Addresses RFC 2410 IPsec encryption - NULL RFC 1918 IP Addressing Signature Option RFC 2411 IP Security Document Roadmap RFC 2439 BGP Route Flap Damping RFC 1962 The PPP Compression Control Protocol (CCP) RFC 2858 Multiprotocol Extensions for BGP-4 RFC 1968 The PPP Encryption Control Protocol (ECP) RFC 3173 IPComp - IPsec compression RFC 2918 Route Refresh Capability for BGP-4 RFC 1974 PPP Stac LZS Compression Protocol RFC 3065 Autonomous System Confederations for BGP RFC 1978 PPP Predictor Compression Protocol RFC 3392 Capabilities Advertisement with BGP-4 RFC 1989 PPP Link Quality Monitoring RFC 1981 Path MTU Discovery for IPv6 RFC 1990 The PPP Multilink Protocol (MP) RFC 2080 RIPng for IPv6 **Encryption** RFC 1994 PPP Challenge Handshake Authentication RFC 2365 Administratively Scoped IP Multicast RFC 1321 MD5 Protocol (CHAP) RFC 2375 IPv6 Multicast Address Assignments RFC 2104 HMAC RFC 2125 The PPP Bandwidth Allocation Protocol (BAP) RFC 2460 IPv6 RFC 2451 The ESP CBC-Mode Cipher Algorithms / The PPP Bandwidth Allocation Control Protocol (BACP) RFC 2461 Neighbour Discovery for IPv6 FIPS 180 SHA-I RFC 2131 DHCP RFC 2462 IPv6 Stateless Address Autoconfiguration FIPS 186 RSA RFC 2390 Inverse Address Resolution Protocol RFC 2463 ICMPv6 FIPS 197 AES RFC 2516 A Method for Transmitting PPP Over Ethernet RFC 2464 Transmission of IPv6 Packets over Ethernet FIPS 46-3 DES FIPS 46-3 3DES RFC 2822 Internet Message Format RFC 2465 Allocation Guidelines for Ipv6 Multicast RFC 2878 PPP Bridging Control Protocol (BCP) RFC 2466 Management Information Base for IP Version RFC 2661 L2TP 6: ICMPv6 Group **Ethernet** RFC 3046 DHCP Relay Agent Information Option RFC 2472 IPv6 over PPP RFC 894 Ethernet II Encapsulation RFC 3232 Assigned Numbers RFC 2526 Reserved IPv6 Subnet Anycast Addresses IEEE 802.ID MAC Bridges RFC 3993 Subscriber-ID Sub-option for DHCP Relay RFC 2529 Transmission of IPv6 over IPv4 Domains IEEE 802.IG Remote MAC Bridging Agent Option without Explicit Tunnels IEEE 802.1Q Virtual LANs "IPX Router Specification", v1.2, Novell, Inc., Part RFC 2710 Multicast Listener Discovery (MLD) for IPv6 IEEE 802.2 Logical Link Control IEEE 802.3ac VLAN TAG Number 107-000029-001 RFC 2711 IPv6 Router Alert Option ISO 10589, ISO 10589 Technical Corrigendums 1, 2, 3, RFC 2851 Textual Conventions for Internet Network IEEE 802.3u 100BASE-T ISO Intermediate System-to-Intermediate System IEEE 802.3x Full Duplex Operation "ISO 8473, relevant parts of ISO 8348(X.213), ISO RFC 2893 Transition Mechanisms for IPv6 Hosts and 8343/ **General Routing** Add2, ISO 8648, ISO 8648, ISO TR 9577 Open System RFC 3056 Connection of IPv6 Domains via IPv4 Clouds RFC 768 UDP Interconnection" RFC 3307 Allocation Guidelines for IPv6 Multicast RFC 791 IP ISO 9542 End System to Intermediate System Protocol Addresses RFC 792 ICMP Encapsulation of IPsec Packets RFC 3315 DHCPv6 RFC 793 TCP http://www.iana.org/assignments/bootp-dhcp-parameters RFC 3484 Default Address Selection for IPv6 RFC 826 ARP BootP and DHCP parameters RFC 3513 IPv6 Addressing Architecture RFC 903 Reverse ARP RFC 3587 IPv6 Global Unicast Address Format **General Routing and Firewall** RFC 925 Multi-LAN ARP RFC 3596 DNS Extensions to support IPv6 RFC 3022 Traditional NAT RFC 950 Subnetting, ICMP RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) draft-ietf-ipsec-nat-t-ike-08.txt Negotiation of NAT-RFC 1027 Proxy ARP for IPv6 Traversal in the IKE RFC 1035 DNS Addresses Management Information Base for IP Version draft-ietf-ipsec-udp-encaps-08.txt UDP Encapsulation of REC 1055 SLIP 6: Textual Conventions and General Group IPsec Packets RFC 1122 Internet Host Requirements RFC 1142 OSI IS-IS Intra-domain Routing Protocol **Management** RFC 1144 Van Jacobson's Compression **IP Multicasting** RFC 1155 MIB RFC 1256 ICMP Router Discovery Messages RFC 1075 DVMRP RFC 1157 SNMP RFC 1288 Finger RFC 1112 Host Extensions RFC 1212 Concise MIB definitions RFC 1332 The PPP Internet Protocol Control Protocol RFC 1812 Router Requirements RFC 1213 MIB-II RFC 2236 IGMPv2 RFC 1493 Bridge MIB RFC 1334 PPP Authentication Protocols RFC 2362 PIM-SM RFC 1643 Ethernet MIB RFC 1377 The PPP OSI Network Layer Control Protocol RFC 2715 Interoperability Rules for Multicast Routing RFC 1657 Definitions of Managed Objects for BGP-4 Protocols RFC 1378 The PPP AppleTalk Control Protocol (ATCP) RFC 3973 PIM-DM RFC 2011 SNMPv2 MIB for IP using SMIv2 RFC 1518 CIDR draft-ietf-idmr-dvmrp-v3-9 DVMRP RFC 2012 SNMPv2 MIB for TCP using SMIv2 RFC 1519 CIDR

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RFC 1828 IP Authentication using Keyed MD5

**IPsec** 

RFC 1829 Ipsec algorithm

RFC 2395 Ipsec Compression - LZS

RFC 2401 Security Architecture for IP

RFC 2096 IP Forwarding Table MIB

RFC 2579 Textual Conventions for SMIv2

2 (SMIv2)

RFC 2576 Coexistence between VI, V2, and V3 of the

RFC 2578 Structure of Management Information Version

Internet-standard Network Management Framework

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RFC 2674 Definitions of Managed Objects for Bridges with Traffic Classes, Multicast Filtering and Virtual LAN Extensions (VLAN) RFC 2790 Host MIB RFC 2819 RMON (groups 1,2,3 and 9)

RFC 2856 Textual Conventions for Additional High

Capacity Data Types

RFC 2863 The Interfaces Group MIB RFC 3164 Syslog Protocol

RFC 3289 Management Information Base for the **Differentiated Services Architecture** 

CDP

RFC 3410 Introduction and Applicability Statements for Internet-Standard Management Framework

RFC 3411 An Architecture for Describing SNMP Management Frameworks

RFC 3412 Message Processing and Dispatching for the SNMP

RFC 3413 SNMP Applications

RFC 3414 User-based Security Model (USM) for SNMPv3 RFC 3415 View-based Access Control Model (VACM) for

RFC 3416 Version 2 of the Protocol Operations for

RFC 3417 Transport Mappings for the SNMP

RFC 3418 MIB for SNMP

RFC 3636 Definitions of Managed Objects for IEEE

RFC 3768 VRRP

draft-ietf-bridge-8021x-00.txt Port Access Control MIB IEEE 802.1AB LLDP

#### **OSPF**

RFC 1245 OSPF protocol analysis

RFC 1246 Experience with the OSPF protocol

RFC 1586 OSPF over Frame Relay

RFC 1793 Extending OSPF to Support Demand Circuits

RFC 1587 The OSPF NSSA Option

RFC 2328 OSPFv2

RFC 3101 The OSPF Not-So-Stubby Area (NSSA) Option

#### QoS

RFC 2205 Reservation Protocol

RFC 2211 Controlled-Load

RFC 2474 DCSP in the IPv4 and IPv6 Headers

RFC 2475 An Architecture for Differentiated Services

RFC 2597 Assured Forwarding PHB Group

RFC 2697 A Single Rate Three Color Marker

RFC 2698 A Two Rate Three Color Marker

RFC 3246 An Expedited Forwarding PHB (Per-Hop Behavior)

IEEE 802.1p Priority Tagging

#### **RIP**

RFC 1058 RIPvI

RFC 2082 RIP-2 MD5 Authentication

RFC 2453 RIPv2

#### **Security**

RFC 959 FTP

**RFC 1413 IDP** 

RFC 1492 TACACS

RFC 1779 X.500 String Representation of Distinguished

RFC 1858 Fragmentation

RFC 2284 EAP

RFC 2510 PKI X.509 Certificate Management Protocols

RFC 2511 X.509 Certificate Request Message Format

RFC 2559 PKI X.509 LDAPv2

RFC 2585 PKI X.509 Operational Protocols

RFC 2587 PKI X.509 LDAPv2 Schema

RFC 2865 RADIUS

RFC 2866 RADIUS Accounting

RFC 3280 X.509 Certificate and CRL profile

draft-grant-tacacs-02.txt TACACS+

Draft-IETF-PKIX-CMP-Transport-Protocols-01 Transport

Protocols for CMP

draft-ylonen-ssh-protocol-00.txt SSH Remote Login Protocol

IEEE 802.1x Port Based Network Access Control PKCS #10 Certificate Request Syntax Standard Diffie-Hellman

#### **Services**

RFC 854 Telnet Protocol Specification

RFC 855 Telnet Option Specifications

RFC 856 Telnet Binary Transmission

RFC 857 Telnet Echo Option

RFC 858 Telnet Suppress Go Ahead Option

RFC 932 Subnetwork addressing scheme

RFC 951 BootP

RFC 1091 Telnet terminal-type option

RFC 1305 NTPv3

RFC 1350 TFTP

RFC 1510 Network Authentication

RFC 1542 Clarifications and Extensions for the

Bootstrap Protocol

RFC 1985 SMTP Service Extension

RFC 1945 HTTP/1.0

RFC 2049 MIME

RFC 2068 HTTP/I.I

RFC 2156 MIXER

RFC 2217 Telnet Com Port Control Option

RFC 2821 SMTP

#### SSL

RFC 2246 The TLS Protocol Version 1.0 Draft-freier-ssl-version3-02.txt SSLv3

#### X 25

RFC 1356 Multiprotocol Interconnect on X.25 and ISDN in the Packet Mode

ITU-T Recommendations X.25 (1988), X.121 (1988). X.25

ANSI T1.231-1997 Digital Hierarchy - Layer I In-Service Digital Transmission Performance Monitoring Standardization ANSI T1.403-1995 Telecommunications - Network-to-Customer Installation - DSI Metallic Interface ANSI TI.408-1990 ISDN Primary Rate - Customer Installation Metallic Interfaces, Layer I Specification AT&T TR 54016-1989 Requirements for Interfacing Digital Terminal Equipment to Services Employing the

Extended Superframe Format Austel TS 013.1:1990 General Requirements for Customer Equipment Connected to ISDN Basic Rate Access - Vol. I: Customer Equipment Access Interface Specifications Bellcore SR-3887 1997 National ISDN Primary Rate Interface ETS 300 012:1992 Integrated Services Digital Network (ISDN); Basic user-network interface; Layer I specification and test principles

ETS 300 102-1:1990 Integrated Services Digital Network (ISDN);User-network interface layer 3;Specifications for basic call control

ETS 300 102-2:1990 Integrated Services Digital Network (ISDN); User-network interface layer 3; Specifications for basic call control; Specification Description Language (SDL)

ETS 300 125:1991 Integrated Services Digital Network (ISDN); User-network interface data link layer specification; Application of CCITT Recommendations 0.920/1.440 and

ETS 300 153:1992 Integrated Services Digital Network (ISDN);Attachment requirements for terminal equipment to connect to an ISDN using ISDN basic access (Candidate NET 3 Part I)

ETS 300 156:1992 Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN primary rate access (Candidate NET 5)

ÈTS 300 011:1992 Integrated Services Digital Network (ISDN); Primary rate user-network interface; Layer I specification and test principles

G.706 (1988) Frame Alignment and CRC Procedures Relating to Basic Frame Structures Defined in G.704 G.794 (1988) Characteristics of 24-channel transmultiplexing equipments

German Monopol (BAPT 221) Type Approval Specification for Radio Equipment for Tagging and Identification

1.120 (1988) Integrated services digital networks (ISDNs) 1.121 (1988) Broadband aspects of ISDN

1.411 (1988) ISDN user-network interface reference configurations

1.430 (1988) Basic user-network interface - Layer I specification

1.431 (1988) Primary rate user-network interface -Physical layer specification

ITU-T G.703 Physical/electrical characteristics of hierarchical digital interfaces

ITU-T G.704 Synchronous frame structures used at 1544, 6312, 2048, 8488 and 44736 kbit/s hierarchical levels ITU-T G.706 Frame Alignment and CRC Procedures Relating to Basic Frame Structures Defined in G.704 ITU-T Q.922 ISDN data link layer specification for frame mode bearer services

ITU-T G.703 (1972) Physical/electrical characteristics of hierarchical digital interfaces

Japan NTT 1.430-a Leased Line Basic Rate User-Network Interface Layer 1-Specification

New Zealand Telecom TNA 134 Telecom ISDN User-Network Interface: Layer 3: PART B Basic Call Control Procedures Q.920 (1988) Digital subscriber Signalling System No.1 (DSS1) - ISDN user-network interface data link layer -General aspects

Q.921 (1988) ISDN user-network interface - Data link layer specification

Q.930 (1988) Digital subscriber Signalling System No. 1 (DSS 1) - ISDN user-network interface layer 3 - General aspects Q.931 (1988) Digital subscriber Signalling System No. 1 (DSS 1) - ISDN user-network interface layer 3 specification for basic call control

Rockwell Bt8370 Fully Intergrated TI/EI Framer and Line Interface data sheet

Technical Reference of Frame Relay Interface, Ver. I, November 1993, Nippon Telegraph and Telephone Corporation.

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ACA TS 013.2:1990 General Requirements for Customer Equipment Connected to ISDN Basic Rate Access, Vol 2: Conformance Testing Specifications

ACA TS 014.1:1990 General Requirements for Customer Equipment Connected to ISDN Primary Rate Access, Vol 1: Customer Access Interface Specifications

ACA TS 014.2:1990 General Requirements for Customer Equipment Connected to ISDN Primary Rate Access, Vol 2: Conformance Testing Specifications

#### Frame Relay

RFC 1490, 2427 Multiprotocol Interconnect over Frame Relay ANSI TISI Frame relay

#### **Ordering Information**

#### AT-AR750S

Order Number: 990-001107-00 Includes power cords for US, UK, Australia & Europe

## **Port Interface Card Options** AT-AR020

Single configurable E1/T1 interface supporting channelized / unchannelized Primary Rate ISDN / Frame Relay Order Number: 990-001304-00

#### AT-AR021S (V3)1

(AT-AR021S VI card is not supported on the AT-AR750S) Single Basic Rate ISDN S/T interface Order Number: 990-002153-00

#### AT-AR023

Single Synchronous port up to 2Mbps to an external CSU/DSU (AT-V.35-DTE-00 or AT-X.21-DTE-00 cable required) Order Number: 990-001104-00

#### AT-AR024

Four Asynchronous RS-232 interfaces to 115Kbps

Order Number: 990-001105-00

#### **Software Upgrade Options**

#### AT-AR700 - ADVL3UPGRD

AR700 series advanced Layer 3 upgrade:

- IPv6
- BGP-4
- Server Load Balancing Order Number: 980-10022-00

#### **About Allied Telesis**

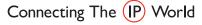
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#### **Service and Support**

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