

UTM Firewalls

AR3050S and AR4050S

Allied Telesis Unified Threat Management (UTM) Firewalls are the ideal integrated security platform for modern businesses. Powerful firewall and threat protection is combined with routing and switching, to provide an innovative high performance solution.



The AR3050S and AR4050S are the ideal choice for high speed Enterprise gateway applications. The UTM Firewalls feature an integrated "best of breed" security platform to provide up-to-the-minute threat protection with advanced networking capabilities, and the AR4050S is ICSA corporate firewall certified.

High performance

High performance is guaranteed by harnessing the power of multi-core processors and application acceleration engines, as well as the ability to offload¹ security and threat protection feature processing for increased throughput.

	AR3050S	AR4050S
Firewall throughput (Raw)	750 Mbps	1,900 Mbps
Firewall throughput (App Control)	700 Mbps	1,800 Mbps
Concurrent sessions	100,000	300,000
New sessions per second	3,600	12,000
IPS throughput	220 Mbps	750 Mbps
IP Reputation throughput	350 Mbps	1,000 Mbps
VPN throughput	400 Mbps	1,000 Mbps

Note: All performance values are maximums, and vary depending on system configuration.

Advanced feature licenses

Flexible subscription licensing options make it easy to choose features to best meet your business needs. The Advanced Firewall and Threat Protection licenses enable additional ways to manage website access, and protect your business from threats. The AMF Security mini license^{1, 2} enables our state-of-the-art integrated solution that automatically protects the LAN from internal security threats.

The Allied Telesis Autonomous Management Framework™ (AMF) and AWC licenses¹ enable automated management of wired and wireless network nodes, while the UTM Offload license¹ supports increased WAN connection throughput.

Application-aware Firewall

The Allied Telesis UTM Firewalls have a Deep Packet Inspection (DPI) engine that provides real-time, Layer 7 classification of network traffic. Rather than being limited to filtering packets based on protocols and ports, the firewall can determine the application associated with the packet. This allows Enterprises to differentiate business-critical from non-critical applications, and enforce security and acceptable use policies in ways that make sense for the business.

Secure Remote Virtual Private Networks (VPN)

Allied Telesis UTM Firewalls support IPSec site-to-site VPN connectivity to connect one or more branch offices to a central office, providing employees company-wide with consistent access to the corporate network. Multipoint VPN enables a single VPN to connect the central office to multiple branc

Remote workers can utilize an SSL VPN connection to encrypt their business data over the Internet, allowing them to utilize all their business resources when working from home, travelling, or otherwise away from the company premises.

Easy to manage

The firewalls run the advanced AlliedWare Plus™ fully featured operating system, with an industry standard CLI. The Graphical User Interface (GUI) provides a dashboard for monitoring, showing traffic throughput, security status, and application use at a glance. Configuration of security zones, networks and hosts, and rules to limit and manage traffic, as well as management of advanced threat protection features, provide a consistent approach to policy management.

Device and network management

The Device GUI on the AR4050S enables graphical monitoring of key switch features to support easy management.

Integrated into the Device GUI, Vista Manager mini supports visibility and management of AMF wired and AWC wireless network devices, making it ideal as a one-stop solution for small to medium-sized



AWC is an intelligent, easy to use Wireless LAN controller that automatically maintains optimal wireless coverage. Vista Manager mini includes AWC floor and heat maps showing wireless coverage. It also supports AWC Channel Blanket hybrid operation, providing maximum performance and seamless roaming, as well as AWC Smart Connect for simplified deployment, and a resilient Wi-Fi network solution using wireless uplink connectivity.

AMF Security (AMF-Sec) enables automatic protection from internal threats, to protect the LAN from malware by quarantining any suspect devices.

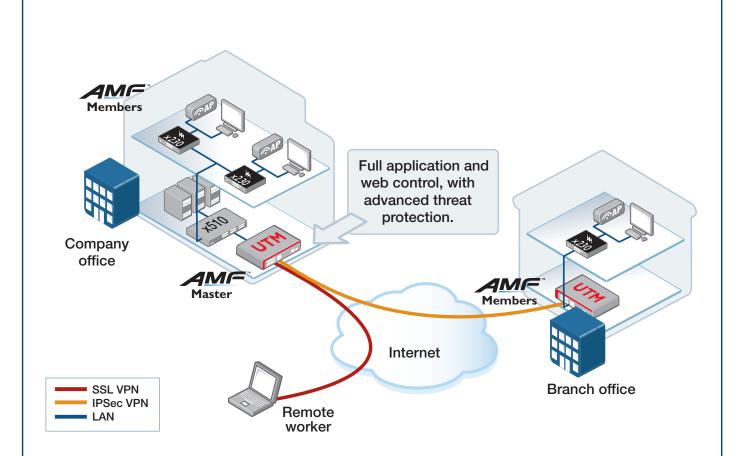
¹ Only available on the AR4050S

² AMF-Sec License can be used in conjunction with either Advanced Firewall (NGFW) or Advanced Threat Protection (ATP) licenses from AMF-Sec mini version 2.2.1

applications, while blocking
anning for threats in
e-pass low-latency
either the free built-in
categories to allow or deny nent aligns with business
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connectivity
ent of a tunnel failure.

 $^{^3}$ For a list of supported USB modems, please refer to the Allied Telesis USB Modem Compatibility List

Key Solution: Integrated Security and Threat Protection



Integrated protection and secure remote access

Allied Telesis UTM Firewalls are the ideal integrated security platform for modern businesses. The powerful combination of next-generation firewall and threat protection, along with secure remote access, and routing and switching, provides a single platform able to connect and protect corporate data.

This solution shows a UTM Firewall providing site-to-site IPSec VPN connectivity between corporate offices, while also allowing secure SSL VPN access for remote workers, so they enjoy full access to digital company resources when away from the office.

As well as securing remote connectivity, the firewall will simultaneously ensure the security of inbound and outbound business data, with advanced threat protection features like IP reputation. Full application control allows this organization to control the applications their people use, and how they use them, so security and acceptable use policies can be enforced in ways that make sense for the business.

The powerful combination of features makes Allied Telesis UTM Firewalls the one-stop integrated security platform for protecting today's online business activity.

Automated network management

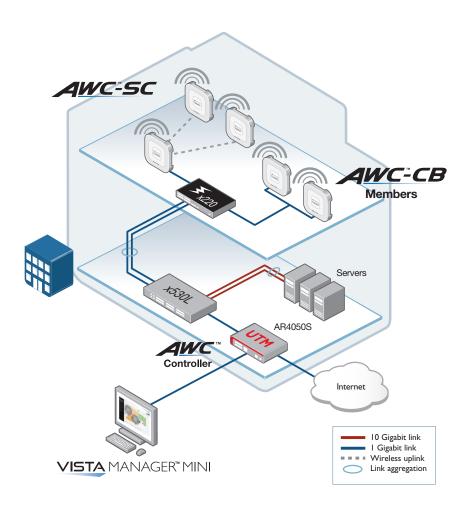
In addition to protecting and connecting modern networks, the firewalls are fully supported by Allied Telesis AMF.

AMF is a sophisticated suite of management tools that automate and simplify many day-to-day network administration tasks. Powerful features like centralized management, auto-backup, auto-upgrade, auto-provisioning and auto-recovery ensure streamlined networking. Growing the network can be accomplished with plug-and-play simplicity, and network node recovery is fully zero-touch

The AR4050S can operate as the AMF network master, storing firmware and configuration backups for up to 20 other network nodes.

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Key Solution: Integrated Wireless Network Management



Autonomous Wireless LAN solution

Allied Telesis AWC offers solutions for two of the most common problems with Wireless LANs: initial setup complexity and on-going performance degradation. Initial WLAN set-up usually requires a site survey to achieve the best coverage, and performance of WLANs can often change over time as external sources of radio interference reduce coverage and bandwidth. These issues can be time consuming to identify and resolve.

The auto-setup option simplifies wireless deployment by creating wireless profiles and associating discovered

Access Points (APs) with them automatically, while AWC features an intelligent process that automatically recalibrates the signal strength and radio channel of each AP for optimal WLAN performance.

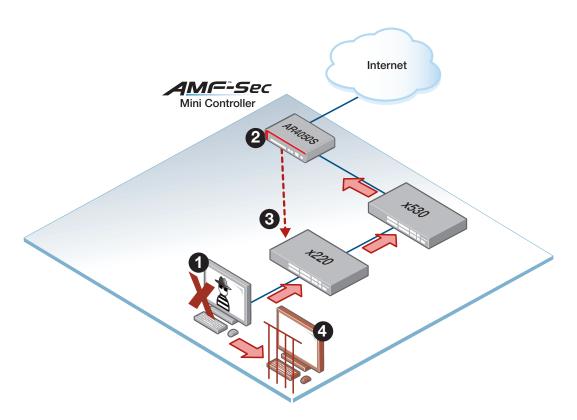
When AWC is combined with the firewall functionality in the AR4050S, it becomes an ideal solution for branch offices and small businesses to both protect and manage the office network. AWC is an essential tool for busy network administrators to save time and money when deploying and managing WLANs.

Vista Manager mini is integrated into the Device GUI of the AR4050S and provides an ideal solution for modern networks, enabling management of both the wired (with AMF) and wireless (with AWC) networks to be automated. This reduces both the time and cost of network administration, as well as maximizing network performance for a superior user experience.

On some AP models, hybrid Channel Blanket enables multichannel and single-channel Wi-Fi operation simultaneously, which supports seamless roaming and maximum throughput. AWC Smart Connect uses wireless uplink connections between APs, so deployment is as easy as plugging in and powering on the new APs, which automatically extend the Wi-Fi network, creating a resilient solution.

Up to 5 TQ Series wireless APs can be managed for free, and up to a further 20 APs (max 25) with a feature license. Channel Blanket licenses are available for up to 5 APs. For plug-and-play wireless deployment Smart Connect licenses are available for up to 5 APs.

Key Solution: Automated Internal LAN Security



- Targeted attack inside the network!
 Malware threat information is seen upline
- 2 AR4050S UTM Firewall passes threat notification to its integrated AMF-Sec mini security controller
- 3 AMF-Sec mini security controller instructs the x220 Series switch to block the threat source
- Infected device is sent to quarantine to automatically stop the spread of infection

AMF Security mini

Most threat protection solutions are only capable of blocking suspicious external traffic arriving at the firewall from the Internet, so only those external threats can be detected and blocked—this is the traditional "secure border" model.

However, the AMF-Sec mini security controller integrated with the AR4050S UTM firewall can isolate traffic anywhere in the network, automatically blocking threats such as targeted attacks, or malware introduced inadvertently by staff with USB flash drives, BYOD and so on.

AMF Sec mini enables automatic protection from internal threats, to protect the LAN from malware by quarantining any suspect devices. Get easy and immediate edge security, so you can relax and enjoy your self-defending network.

AMF-Sec mini licenses for 1 year or 5 years are available for the AR4050S UTM firewall. Note that the AMF-Sec mini license cannot be used in conjunction with the Advanced Firewall or Advanced Threat protection licenses.

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Features

Firewall

- Deep Packet Inspection (DPI) application aware firewall (built-in or Sandvine application lists) for granular control of apps and IM (chat, file transfer, video)
- ▶ Application Layer Gateway (ALG) for FTP, SIP and H.323
- ▶ Application layer proxies for SMTP and HTTP
- ▶ Bandwidth limiting control for applications and IM/P2P
- Firewall session limiting per user or entity (zone, network, host)
- ▶ Bridging between LAN and WAN interfaces
- Data leakage prevention
- ▶ Bidirectional single-pass inspection engine
- Maximum and guaranteed bandwidth control
- ▶ Multi zone firewall with stateful inspection
- ▶ Static NAT (port forwarding), double NAT and subnet-based NAT
- Masquerading (outbound NAT)
- Web-Control uses Digital Arts categories to manage user website access, with proxy-based and DPI options available
- ▶ Custom web control categories, match criteria and keyword blocking per entity
- Security for IPv6 traffic
- ► ICSA corporate firewall certification (AR4050S only)

Networking

- ▶ Routing mode / bridging mode / mixed mode
- ▶ Static unicast and multicast routing for IPv4 and IPv6
- ▶ DS-Lite, Lightweight 4over6, and MAP-E for connecting IPv4 networks over IPv6
- Dynamic routing (RIP, OSPF and BGP) for IPv4 and IPv6
- ► Flow-based Equal Cost Multi Path (ECMP) routing
- Dynamic multicasting support by IGMP and PIM
- ▶ Route maps and prefix redistribution (OSPF, BGP, RIP)
- Virtual Routing and Forwarding (VRF-Lite)
- ► Traffic control for bandwidth shaping and congestion avoidance
- Policy-based routing
- ▶ SD-WAN: performance measure and load balance WAN links
- UTM Offload improves WAN throughput when using multiple security features together, or when higher performance is required
- ▶ PPPoE client with PADT support
- ▶ DHCP client, relay and server for IPv4 and IPv6
- ▶ Dynamic DNS client
- ▶ IPv4 and IPv6 dual stack
- ▶ Secondary IP addresses per interface and subnet enable flexible deployment
- ▶ Device management over IPv6 networks with SNMPv6, Telnetv6 and SSHv6
- ▶ Logging to IPv6 hosts with Syslog v6
- ▶ Web redirection allows service providers to direct users to a specified web address
- URL-offload enables cloud-based traffic (e.g. Office 365) to be sent directly to the Internet
- ▶ LLDP and LLDP-MED for network discovery
- ▶ sFlow packet sampling for network monitoring (AR4050S only)

Management

- Allied Telesis Autonomous Management Framework (AMF) enables powerful centralized management and zero-touch device installation and recovery
- AMF secure mode increases network security with management traffic encryption, authorization, and monitoring
- ▶ Try AMF for free with the built-in AMF starter license (AR4050S only)
- ▶ Web-based Device GUI for firewall configuration and easy monitoring
- Vista Manager mini, built-in to the Device GUI, enables visual management and monitoring of a wireless network
- ▶ Industry-standard CLI with context-sensitive help
- ▶ Role-based administration with multiple CLI security levels
- Built-in text editor and powerful CLI scripting engine
- ► Comprehensive SNMPv2c/v3 support for standards-based device management

- Event-based triggers allow user-defined scripts to be executed upon selected system events
- Comprehensive logging to local memory and syslog
- ▶ Console management port on the front panel for ease of access
- USB interface and SD/SDHC memory card socket allow software release files, configurations and other files to be stored for backup and distribution to other devices

AMF Security mini

- ▶ The built-in AMF-Sec mini security controller manages internal LAN protection
- Any internal security threats like malware are automatically blocked from spreading, and suspect network devices quarantined
- ► AMF-Sec mini enables a self-defending network solution

Resiliency

- ► High availability bypass ports
- Policy-based storm protection
- ▶ Spanning Tree (STP, RSTP, MSTP) with root guard
- ▶ Virtual Router Redundancy Protocol (VRRPv2/v3)

Diagnostic Tools

- ▶ Active Fiber Monitoring detects tampering on optical links
- Automatic link flap detection and port shutdown
- ► Optical Digital Diagnostic Monitoring (DDM)
- ▶ Ping polling for IPv4 and IPv6
- Port mirroring
- ► TraceRoute for IPv4 and IPv6
- ▶ DPI statistics per entity (Zone, Network, Host), or per PBR rule for SD-WAN

Authentication

- ▶ TACACS+ Authentication, Accounting and Authorization (AAA)
- ▶ RADIUS authentication and accounting
- ▶ Local or server-based RADIUS user database
- RADIUS group selection per VLAN or port
- ► RADIUS CoA (Change of Authorization)
- Strong password security and encryption
- ▶ MAC and 802.1x Port authentication on switch ports

Unified Threat Management (UTM)

- ▶ No file size limitations
- Auto-update of UTM signature files
- ► Intrusion Detection and Prevention System (IDS/IPS) (no license required)
- ▶ DoS and DDoS attack detection and protection
- ► IP reputation (Emerging Threats)
- URL blacklists and whitelists (block or allow HTTP and HTTPS access to specific Websites)
- ▶ Protocol anomaly detection and protection
- ► Zone-based UTM

VPN Tunneling

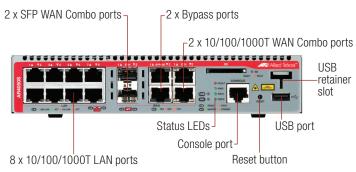
- ▶ Diffie-Hellman key exchange (D-H groups 5, 14, 16)
- ▶ Secure encryption algorithms: AES and 3DES
- ▶ Secure authentication: SHA-1 and SHA-256
- ▶ IKEv1 and IKEv2 key management
- ► IPsec Dead Peer Detection (DPD)
- ► IPsec NAT traversal
- ▶ IPsec VPN for site-to-site connectivity
- Multipoint VPN for connecting a single VPN to multiple end points
- ▶ Dynamic routing through VPN tunnels (RIP, OSPF, BGP)
- Redundant VPN gateway
- SSL/TLS VPN for secure remote access using OpenVPN
- ▶ IPv6 tunneling

Wireless Controller AWC

- Allied Telesis AWC is an intelligent WLAN controller that automatically maintains optimal wireless coverage
- Up to five access points (APs) can be managed for free, with an additional 20 available via a separate software license (AR4050S only)
- Auto-setup simplifies wireless network deployment
- ▶ Rogue AP detection for increased WLAN security
- WEP/WPA personal or WPA enterprise, pre-shared key (WEP/WPA personal), RADIUS server (WPA enterprise)
- ▶ Wireless networks can have separate SSIDs, VLANs, security settings, etc.

- APs can belong to multiple networks each with different wireless settings, and can broadcast multiple SSIDs (Virtual AP)
- ▶ APs can be defined individually or in bulk using a common profile.
- ► AP radio settings can be configured automatically (default) or manually
- ▶ AP functions such as updating firmware, executing AWC calculations and applying calculation results can be run automatically based on a user-defined schedule
- ▶ AWC supports Allied Telesis TQ Series wireless access points
- AWC Channel Blanket hybrid operation provides maximum performance and seamless roaming
- ► AWC Smart Connect enables simplified deployment, and a resilient Wi-Fi network solution using wireless uplink connectivity







AC power inlet

Specifications

	AR3050S	AR4050S	
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Processor and memory			
Security processor	800MHz dual-core	1.5GHz quad-core	
Memory (RAM)	1GB	2GB	
Memory (Flash)	4GB	4GB	
Security features			
Firewall	Stateful deep packet inspection application aware multi-zone firewall		
Application proxies	FTP, TFTP, SIP		
Threat protection	DoS attacks, fragmented & malformed packets, blended threats & more		
Security subscriptions	Next-Gen Firewall, Advanced Threat Protection		
Tunneling & encryption			
Site-to-site VPN tunnels (IPsec)	50	1,000	
Client-to-site VPN tunnels (OpenVPN)	100	1,000	
Encrypted VPN	IPsec, SHA-1, SHA-256, SHA-512, IKEv2, SSL/TLS VPN		
Encryption	3DES, AES-128, AES-192, AES-256		
Key exchange	Diffie-Hellman groups 5, 14, 16		
Dynamic routed VPN	RIP, OSPF, BGP, RIPng, OSPFv3, BGP4+		
Point to point	Static PPP, L2TPv2 virtual tunnels, L2TPv3 Ethernet pseudo-wires		
Encapsulation	GRE for IPv4 and IPv6		
Management & authentication			
Logging & notifications	Syslog & Syslog v6, SNMPv2 & v3		
User interfaces	Web-based GUI, scriptable industry-standard CLI		
Secure management	SSHv1/v2, strong passwords		
Management tools	Allied Telesis Autonomous Management Framework™ (AMF) Autonomous Wave Control for wireless LAN APs (AWC) Vista Manager EX, AMF-Security mini		
User authentication	RADIUS, TACACS+, internal user database, web authentication, MAC authentication, 802.1x port authentication		
Command authorization	TACACS+ AAA (Authentication, Accounting and Authorization)		

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	AR3050S	AR4050S
Networking		
Routing (IPv4)	Static, Dynamic (BGP4, OSPF, RIPv1/v2), source-based routing, policy-based routing, VRF-Lite, SD-WAN	
Routing (IPv6)	Static, Dynamic (BGP4+, OSPFv3, RIPng), policy-based routing, SD-WAN	
Multicasting	IGMPv1/v2/v3, PIM-SM, PII	M-DM, PIM-SSM, PIMv6
Resiliency	STP, RSTP, MSTP	
High availability	VRRP, VRRPv3, hardware	controlled bypass ports
Traffic control	8 priority queues, DiffServ, HTB scheduling, RED curves	
IP address management	Static v4/v6, DHCP v4/v6 (server, relay, client), PPPoE	
NAT	Static, IPsec traversal, Dynamic NAP	T, Double NAT, subnet-based NAT
Link aggregation	802.3ad static and	dynamic (LACP)
VLANs	802.1Q tagging	
Discovery	LLDP, LLDP-MED	
Reliability features		
	Modular AlliedWare Plus operating system Full environmental monitoring of PSU, fan, temperature and internal voltages. SNMP traps alert network managers in case of any failure Variable fan speed control	
Hardware characteristics		
Input power	90 to 260V AC (auto-ra	anging), 47 to 63Hz
Max power consumption	23W	27W
LAN ports	8 x 10/100/10	00T RJ-45
WAN ports	2 x 1000X SFP / 2 x 10/100/1000T RJ-45 combo	
High Availability bypass ports	2 x 10/100/1000T RJ-45	
Other ports	1 x USB, 1 x RJ-45 console, 1 x SDHC slot	
Product dimensions (H x W x D)	42.5 mm (1.67 in) x 210 mm (8.26 in) x 220 mm (8.66 in)	
Packaged dimensions (H x W x D)	36.5 cm (14.37 in) x 26 cm (10.24 in) x 11.5 cm (4.53 in)	
Product weight	1.7 kg unpackaged, 2.6 kg packaged	
Typical / Max noise	28.4 dBA / 35.1 dBA	
Environmental specifications		
Operating temperature range	0°C to 50°C (32°F to 122°F). Derated	d by 1°C per 305 meters (1,000 ft)
Storage temperature range	-20°C to 60°C (-4	4°F to 140°F)
Operating relative humidity range	5% to 80% non-condensing	
Storage relative humidity range	5% to 95% non-condensing	
Operating altitude	2,000 meters max	imum (6,600 ft)
Regulations and compliances		
EMC	EN55032 class A, FCC class A, VCCI class A	
Immunity	EN55024, EN61000-3-levels 2 (Harmonics), and 3 (Flicker)	
Safety Standards	UL60950-1, CAN/CSA-C22.2 No. 60950-1-03, EN60950-1, EN60825-1, AS/NZS 60950.1	
Safety Certifications	UL, cUL, TuV	
Reduction of Hazardous Substances (RoHS)	EU RoHS6 compliant, China RoHS compliant	
IPv6 Ready	Phase 2 (Gold) Logo	

Security Licenses

LICENSE NAME	INCLUDES	1 YR SUBSCRIPTION	3 YR SUBSCRIPTION	5 YR SUBSCRIPTION
AR3050S				
Advanced Firewall	Application Control Web Control	AT-FL-AR3-NGFW-1YR	AT-FL-AR3-NGFW-3YR	AT-FL-AR3-NGFW-5YR
Advanced Threat Protection	IP Reputation	AT-FL-AR3-ATP-1YR	AT-FL-AR3-ATP-3YR	AT-FL-AR3-ATP-5YR
AR4050S				
Advanced Firewall	Application Control Web Control	AT-FL-AR4-NGFW-1YR	AT-FL-AR4-NGFW-3YR	AT-FL-AR4-NGFW-5YR
Advanced Threat Protection	IP Reputation	AT-FL-AR4-ATP-1YR	AT-FL-AR4-ATP-3YR	AT-FL-AR4-ATP-5YR

Feature Licenses for AR4050S

NAME	DESCRIPTION	INCLUDES
AT-FL-UTM-OFFLOAD-1YR	UTM Offload license for 1 year	▶ UTM Offload license for 1 year
AT-FL-UTM-OFFLOAD-3YR	UTM Offload license for 1 year	▶ UTM Offload license for 3 years
AT-FL-UTM-OFFLOAD-5YR	UTM Offload license for 1 year	▶ UTM Offload license for 5 years
AT-RT-AM5-1YR ⁴	Cumulative AMF Master license	► AMF Master license for up to 5 nodes for 1 year
AT-RT-AM5-5YR ⁴	Cumulative AMF Master license	► AMF Master license for up to 5 nodes for 5 years
AT-RT-AWC5-1YR ⁵	Cumulative AWC license	► Autonomous Wave Control (AWC) license for up to 5 access points for 1 year
AT-RT-AWC5-5YR ⁵	Cumulative AWC license	► Autonomous Wave Control (AWC) license for up to 5 access points for 5 years
AT-RT-CB5-1YR-2022 ⁶	AWC-CB and AWC-SC license	▶ AWC Channel Blanket and AWC Smart Connect license for up to 5 access points for 1 year
AT-RT-CB5-5YR-2022 ⁶	AWC-CB and AWC-SC license	▶ AWC Channel Blanket and AWC Smart Connect license for up to 5 access points for 5 years
AT-FL-AR4-ASEC-1YR7	AMF-Sec license	► AMF-Sec license for 1 year
AT-FL-AR4-ASEC-5YR7	AMF-Sec license	► AMF-Sec license for 5 years

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 ⁴ Purchase one license per 5 nodes (up to 20 nodes maximum)
 ⁵ 5 APs can be managed for free. Purchase one license per 5 additional APs (up to 20 APs maximum)

⁶ Channel Blanket and Smart Connect are not available as free services. Both an AWC-CB license and an AWC license are required for Channel Blanket and/or Smart Connect to operate. (Channel Blanket is supported on TQ6602, TQ5403, and TQ5403e access points.)

⁷ The AMF-Sec license can not be used in conjunction with either the Advanced Firewall (NGFW) or Advanced Threat Protection (ATP) licenses

Ordering information

AT-AR3050S-xx

2 x GE WAN and 8 x 10/100/1000 LAN

AT-AR4050S-xx

2 x GE WAN and 8 x 10/100/1000 LAN

Where xx = 10 for US power cord

30 for UK power cord

40 for Australian power cord

50 for European power cord

51 for encryption not enabled



AT-RKMT-J15

Rack mount kit to install two devices side by side in a 19-inch equipment rack



AT-RKMT-J14

Rack mount kit to install one device in a 19-inch equipment rack

AT-STND-J03

Stand-kit for AT-AR3050S and AT-AR4050S

1000Mbps SFP Modules

AT-SPTX

1000T 100 m copper

AT-SPSX

1000SX GbE multi-mode 850 nm fiber up to 550 m

AT-SPSX/I

1000SX GbE multi-mode 850 nm fiber up to 550 m industrial temperature

AT-SPEX

1000X GbE multi-mode 1310 nm fiber up to 2 km

AT-SPLX10a

1000LX GbE single-mode 1310 nm fiber up to 10 km

AT-SPLX10/I

1000LX GbE single-mode 1310 nm fiber up to 10 km industrial temperature

AT-SPBD10-13

1000LX GbE Bi-Di (1310 nm Tx, 1490 nm Rx) fiber up to 10 km $\,$

AT-SPBD10-14

1000LX GbE Bi-Di (1490 nm Tx, 1310 nm Rx) fiber up to 10 km $\,$

AT-SPLX40

1000LX GbE single-mode 1310 nm fiber up to 40 km

AT-SPBD20-13/I

1000BX GbE Bi-Di (1310 nm Tx, 1490 nm Rx) fiber up to 20 km

AT-SPBD20-14/I

1000BX GbE Bi-Di (1490 nm Tx, 1310 nm Rx) fiber up to 20 km $\,$

Related Products

AT-TQm1402

Enterprise-Class 802.11ac Wave 2 Wireless Access Point with 2 radios and embedded antenna

AT-TQ1402

Enterprise-Class Advanced 802.11ac Wave 2 Wireless Access Point with 2 radios and embedded antenna

AT-TQm5403

Enterprise-Class 802.11ac Wave 2 Wireless Access Point with 3 radios and embedded antenna

AT-TQ5403

Enterprise-Class Advanced 802.11ac Wave 2 Wireless Access Point with 3 radios and embedded antenna

AT-TQ5403e

Enterprise-Class Outdoor Advanced 802.11ac Wave 2 Wireless Access Point with 3 radios with four omni-directional antennas

AT-TQ6602

Enterprise-Class Wi-Fi 6 Wireless Access Point with 2 radios and embedded antenna

AT-TQm6602 GEN2

Enterprise-Class Wi-Fi 6 AP with 2 radios (4x4 2.4GHz and 4x4 5GHz) and embedded antenna

AT-TQm6702 GEN2

Enterprise-Class Wi-Fi 6 AP with 2 radios (4x4 2.4GHZ and 8x8 5GHz) and embedded antenna

AT-TQ6602 GEN2

Enterprise-Class hybrid Wi-Fi 6 AP with 2 radios (4x4 2.4GHz and 4x4 5GHz) and embedded antenna

AT-TQ6702 GEN2

Enterprise-Class hybrid Wi-Fi 6 AP with 2 radios (4x4 2.4GHZ and 8x8 5GHz) and embedded antenna

3G/4G USB Modems

For a list of supported USB modems visit alliedtelesis.com

