

Allot High Performance Platforms

NetEnforcer[®]

AC-500 Series



400 Mbps Bandwidth Management Device

Allot NetEnforcer[®] AC-500 manages Internet traffic on multiple Ethernet links at speeds of up to 400 Mbps. This flexible device brings carrier-class functionality and reliability to enterprise networks, providing real-time analytics, policy enforcement, and security services.



Features

- Throughput of 10, 50, 100, and 200 Mbps (full duplex) with real-time analytics and Quality of Service (QoS) management of up to 400,000 concurrent IP flows
- Interface options support a variety of network topologies:
 - 2 x 10/100/1000Mbps Ethernet ports (1 link) + 2 ports for cascading, high availability
 - 4 x 10/100/1000Mbps Ethernet ports (2 links) + 4 ports for cascading, high availability
- IPv4/IPv6 dual stack subscriber support for flexible network configuration
- Powered by Allot's Dynamic Actionable Recognition Technology (DART) engine, which provides granular visibility of user, application, device (including tethering), and network topology traffic
- DART's extensive signature library accurately identifies hundreds of Internet applications and protocols, including P2P, VoIP, streaming, gaming, instant messaging, web, and enterprise applications
- Automated, web-based update keeps the signature library up to date with the latest developments
- Supports user-defined signatures based on HTTP attributes, as well as monitoring reports based on custom HTTP signatures
- Real-time analytics and automatic alarms enable fast and accurate troubleshooting with the ability to trigger corrective actions
- Works together with Allot Subscriber Management Platform (SMP) to provide real-time usage data for online and offline charging and subscriber policy management
- Integrated URL filtering service blocks access to blacklisted and illegal web sites at the network level (see Allot WebSafe)
- Integrated threat protection system prevents DNS blacklisting, isolates infected botnet hosts for clean-up, and surgically mitigates DDoS attacks (see Allot ServiceProtector)
- Managed by Allot NetXplorer centralized management system



Allot NetEnforcer AC-500 Series is available in two models serving a range of network configurations and needs.

| | | AC-502 | AC-504 |
|---|--|---|-----------------------|
| Capacity | Throughput | 400 Mbps (200 Mbps full duplex) | |
| | Number of Connections/Flows | 200,000/400,000 | |
| | Number of Subscribers | 32,000 | |
| | Lines/Pipes/Virtual Channels | Up to 512 / 8,192 / 32,768 | |
| Interfaces and Connections | Management Interface | 10/100/1000BASE-T | |
| | Network Interfaces (Internal / External) | 2 x 10/100/1000BASE-T | 4 x 10/100/1000BASE-T |
| | Cascading/Redundancy | 2 x 10/100/1000BASE-T | 4 x 10/100/1000BASE-T |
| | Console Port | Serial, RJ-45 Connector | |
| Examples of Application/Protocol Signatures Supported | P2P | Including BitTorrent, eDonkey, Ares, Gnutella, Thunder, eMule, Vuze, Winny | |
| | VoIP and IM | Including Windows Live Messenger, SIP, Skype, Yahoo Messenger, GoogleTalk, Fring, WhatsApp, , STUN, ICQ, Viber, and QQ | |
| | Gaming | Including World of Warcraft, Final Fantasy, Guitar Hero, Second Life, QQ Games, Lineage, CounterStrike, Call of Duty, Apple Game Center | |
| | Web | Including HTTP, mobile, and social networking applications | |
| | Streaming | Including YouTube, RTMP, QQ live, PPSstream, DailyMotion, HTTP streaming, HTTP audio, NetFlix, and Facebook streaming | |
| | File Transfer | Including FTP, HTTP file downloads, Apple App Store, Android Market | |
| Networking Standards | Traffic Encapsulation | Including L2TP, MPLS, PPPoE, and Teredo | |
| | IPv6 | IPv6 subscriber management available with Allot SMP | |
| Product Options | QoS Enforcement Levels | 10, 50, 100, and 200 Mbps full duplex | |
| | Analytics (Monitoring and Reporting) | Real-time and long-term | |
| | High Availability | Active redundancy (1:1, 1+1) | |
| Full Integration with Allot Digital Lifestyle Services | Allot Subscriber Management Platform (SMP) | For centralized creation, provisioning, and charging of per-subscriber services | |
| | Allot ClearSee Analytics | For capturing rich source data from the network and transforming it into valuable business intelligence | |
| | Allot WebSafe | For URL filtering solutions at the network level | |
| | Allot ServiceProtector | For DDoS/outbound spam detection and mitigation solutions | |
| Dimensions | Size / Weight | Standard 1U by 19" rack mount / 4.24 kg (9.35 lb) | |
| | Dimensions / Operating Temp | 300mm x 440mm x 44mm (L x W x H) / 0°C to 50°C | |
| | Bypass Unit | Internal | |
| Power | Input (AC) | 100-240 VAC. 50/60Hz, 2A max | |
| | Power Supply Unit | 80W | 90W |
| | Heat Dissipation | 274 BTU/hour | 308 BTU/hour |
| Safety and Certifications | CE Conformity | Directive 2004/108/EC, Directive 2006/95/EC | |
| | Safety | UL 60950-1:2007 EN 60950-1:2006 / A11:2009 CAN/CSA-C22.2 No. 60950-1-07 | |
| | EMC | European Directives 2004/108/EC & LVD 73/23/ EEC EN 55022: 2006 EN 55024:98 + A1: 2001 + A2: 2003 ETSI EN 300 386 V1.3.3:2005-04 FCC CFR 47 Part 15 Subpart B Industry Canada ICES-003:04; C108.8-M1983 VCCI Class A Technical Requirements, V-3/2001.04 Australia ACMA, AS/NZS CISPR22:2006 | |
| | RoHS/WEEE Compliance | Directive 2002/95/EC (RoHS) Directive 2002/96/EC (WEEE) | |

About Allot Communications

Allot Communications Ltd. (NASDAQ, TASE: ALLT) is a leading global provider of intelligent broadband solutions that put mobile, fixed and enterprise networks at the center of the digital lifestyle and workstyle. Allot's DPI-based solutions identify and leverage the business intelligence in data networks, empowering operators to analyze, protect, improve and enrich the digital lifestyle services they deliver. Allot's unique blend of innovative technology, proven know-how and collaborative approach to industry standards and partnerships enables network operators worldwide to elevate their role in the digital lifestyle ecosystem and to open the door to a wealth of new business opportunities. For more information, please visit www.allot.com

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