

ANTlabs Tru'Auth Access Controller (AC)

Product Data Sheet

The Tru'Auth Access Controller is a new class of access controller specially designed for the Mobile Offload and the Carrier WiFi market. Its highly scalable architecture allows it to easily expand to meet the growing needs of service providers for large scale, carrier-class WiFi deployments. Users are assured of the best WiFi experience with the Tru'Auth AC being Hotspot-2.0-and-WISPr 2.0-ready.



Standard Features

Plug and Play Zero-Configuration Networking

- Supports both static and dynamic (DHCP) IP addresses
- Adaptive Domain Name Services (DNS) support
- Transparent Simple Mail Transfer Protocol (SMTP) support
- Transparent web proxy support
- Application NAT support (VPN, SIP, RSTP, MMS, H323)

Authentication Features

- Multiple Tru'Auth RADIUS servers support (RADIUS client)
- IEEE 802.1X / EAP (EAP-SIM/EAP-TTLS/EAP-TLS)
- MAC-based authentication
- Wireless Internet Service Provider Roaming (WISPr) Support for iPass, Boingo
- Force portal web redirection
- 802.1x RADIUS proxy

System Management Features

- SNMPv2 Support
- Network Time Protocol (NTP) server support
- SFTP/SCP Server
- Configurable DHCP Server / Relay support
- Remote Syslog Support
- User Provisioned Routable Public IP address for clients
- HTTP Proxy support
- Remote edge device (switches / hubs / access points) management
- Multiple IP for Network Address Port Translation (NAPT)
- Secure Socket Layer (SSL) certificate management
- Management Port Support
- DMZ Port Support

Subscriber Management Features

- Auto Logout of inactive subscribers
- Forced Logout of subscribers
- Bandwidth Rate Limit
- Multi-Tier QoS
- Concurrent login sessions per subscriber account
- Location specific login concurrency limit
- Volume-based accounting/access
- Fixed, Dynamic and Application Bandwidth Rate Limit

Subscriber Content Features

- Web / IP Walled-garden
- Email Reminder
- PDA / Smartphone friendly
- Location / VLAN-based content delivery
- SmartURL™
- Unique login pages for separate locations (Login / Login-Success / Logout)

Performance Features

- Supports up to 250,000 sessions
- 32,000 DHCP IP
- 40,000 DNS QPS

Wholesale Features

- Virtual Router Support
- DNS Hosting

Reporting Features

- Real-time reporting on authenticated subscribers
- Real-time reporting on detected devices
- Subscriber access logging
- Device access logging
- Web-page access logging
- Exportable logs
- Application, System & Network Services Graphical Reports

Security Features

- URL / Content Filtering
- Access Control to Web Administration GUI
- Subscriber blacklist
- Anti-Spam features
- Anti-DoS features
- Configurable Role-based Firewall
- 802.1Q VLAN security
- Lawful Intercept (Connection Logging, URL Logging)
- Dynamic DNS Throttling

System Administration Features

- Secure connection (SSL) to Web-based Administrator page
- Two tier Console CLI support
- Tiered Access for Web Administration
- Admin Access Audit Logs
- Network KVM support

Reliability Features

- High Availability Offering (Active-Passive)
 - Real-time HA disk replication
 - Fail-over within 1 minute, typically 30 seconds
- Configuration Backup and Restore Function
- Redundant Power Supply
- RAID 1 mirroring
- Dedicated LAN, WAN, HA, Mgmt. and DMZ ports

Specifications

Model	3100
Sessions	250,000
Max VLANs	1000
Supported NIC Interfaces	10/100/1000BaseT
Network Interfaces	1 x HA Port 1 x LAN Port 1 x WAN Port 1 x Management Port 1 x DMZ Port
COM	1 x RS232 (DB9) Console Port, 1 x VGA Port
Power Supply	Redundant 350W
Nett Weight	11.8 KG
Dimensions	1U 482.4 (W) x 612.6 (D) x 42.4 (H) mm
Remote Management	1 x Network Remote Management KVM Port
Certifications	SCC, CNCA or CCC, CE, TUV, IECCE CB, KSA ICCP, NRCS, BSMI, NRTL, ACMA or C-Tick, ICES, VCCI, GS, GOST, SABS, KCC, FCC, ICT

¹ Maximum Recommended VLAN
All specifications are subject to change.