

A large, stylized white cloud shape composed of several overlapping curved segments, set against a blue background.

ASP CLOUD + SG 5

PRODUCT DATA SHEET

ASP Cloud & SG 5 allow service providers to deliver fast and secure **user-aware services** to users in your network across multiple locations

ANTlabs ASP CLOUD SOLUTION

ANTlabs suite of gateway and cloud solutions has always focused on delivering user-aware services. The fifth-generation suite provides expanding support to ANTLabs gateways and other vendor's network devices like routers, gateways and wireless controllers to provide a uniform, consistent experience to the end-users. For IT Management, this means better control and visibility over more aspects of the network service and having the flexibility to customize the user experience according to local conditions.

STANDARD FEATURES

→ Centralized Service Management Platform

- Integration to different network equipment
- WYSIWYG Portal Management / Customizable portal templates
- Multi-language support
- Providing consistent delivery of services and experience
- Pooling & sharing of licenses & modules across entire organization
- Policy Control (SG5 exclusive)
 - Service plans
 - Advanced bandwidth management
 - Auto-logout of inactive users, forced logout of users
 - Departed device detection and logout
 - Bandwidth rate limit: device / account
 - HTTP / HTTPS / IP walled garden
 - Email login reminder
 - Location / VLAN-based content delivery
 - Unique login pages for separate locations
 - Admin-assisted login
 - Easy account generation with account printer
- Zero-touch provisioning
- Cloud management

→ User-Aware Service Delivery

- BYOC (Bring your own content)
 - Personal Area Network
 - PMS Integration
 - Guaranteed streaming bandwidth
- Differentiated High Speed Internet Access
 - Guest Aware bandwidth optimization through advanced QoS
 - VIP recognition
- Seamless Re-login
 - Quick re-association to network
- Roaming Service
 - No login across sites
- Zero-configuration on end-user device

→ Gateways/APs Supported

- SG5 Express / SG5 Pro
- vSG Express / Pro
- Cloud Gateway supported AP & other gateway models:
 - > Ruckus
 - > Aruba
 - > Cisco Meraki
 - > Rujie
 - > Ubiquiti
 - > MikroTik
 - > Fortinet
 - > Omada

→ AAA (Authentication)

- Complimentary
- Global roaming
- 802.1x / Hotspot 2.0
- User form authentication
- Social WiFi
 - Facebook
 - X (Twitter)
 - Google
 - Apple ID
 - Instagram
 - Line
 - WeChat
 - LinkedIn
 - Office 365
- QR code
- Boarding pass PNR integration*
- RADIUS / WISPr

→ Security and Compliance

- Lawful Intercept
- Terms and Conditions
- General Data Protection Regulation (GDPR) compliant
- User data privacy protection
- Anti-SPAM / Anti-DOS (SG5)
- Stateful Firewall (SG5)

→ Reliability

- High Availability
- Backup in the Cloud
- Faster service restoration time through seamless transfer of license across equipment

→ Engagement

- Time based banners / Promos
- Notification engine for sending alerts and messages**

→ WiFi Monetization

- WiFi advertising
- Upsell services with different payment methods
- Credit card authentication & billing - WorldPay, Authorize.net, Payflow Pro, Payflow Link

→ User Identification & onboarding

- Multiple login methods (i.e., Complimentary, Pre-paid, etc.)
- Social media
- Radius / LDAP support
- Property Management System (PMS)
- Registration form

→ Network and User Visibility

- Reports
 - Transactions
 - Sessions
 - Authentication
- User Analytics
 - Usage
 - Device
 - Demographics
 - Interests
- Summary Revenue
 - Authentication
 - License
- Graphs / Trends
 - System Network
 - Login sessions

Deliver fast, secure, user-aware
services to your guests with
ASP Cloud + SG 5

* Inquire for more info

** Requires ANTLabs EzProfile

SPECIFICATIONS

	Express 5000	Express 5100	Express 5200	Pro 5410
Max User License¹	500	800	7,000	30,000
VLANs	300	500	2,000	4,000
Max Throughput²	600 Mbps	940 Mbps	974 Mbps / 1.8 Gbps (LAG)	9 Gbps
Max Throughput² With 10GE Fiber Upgrade	N/A	N/A	6 Gbps	N/A
Max PPS	50,000	100,000	200,000	500,000
Supported Network Interfaces	10/100/1000 Base-T LAN Port WAN Port	10/100/1000 Base-T LAN Port WAN 1 Port HA / Management Port WAN 2 Port	10/100/1000 Base-T 2 x LAN Port (bond) WAN 1 Port WAN 2 Port Management Port HA Port	10/100/1000/10000 Base-T 2 x 10GBase-T LAN Port (bond) 2 x 10GBase-T WAN 1 Port (bond) 2 x 10GBase-T WAN 2 Port (bond) 10/100/1000 Base-T 2 x Management Port (bond) 2 x HA Port (bond) 2 x DMZ Port (bond)
10GE Fiber Upgrade Interface	N/A	N/A	10/100/1000/10000 Fiber 1 x 10GbE SFP+LAN Port 1 x 10GbE SFP+WAN Port	N/A
COM	1 x RS232 (DB9) Console Port 1 x RS232 (DB9) to connect external PMS	1 x RS232 (DB9) Console Port	1 x RS232 (RJ 45) Console Port	1 x RS232 (DB9) Console Port
Power Supply	1 x 60W; auto-ranging 100~240V	1 x 60W; auto-ranging 100~240V	1 x 250W; auto-ranging 100V~240V	Redundant 1400W
Weight	Actual unit: 0.7 kg Shipping: 1.5 kg	Actual unit: 1.1 kg Shipping: 1.5 kg	Actual unit: 7.3 kg Shipping: 8.3 kg	Actual unit: 18.0 kg Shipping: 31.2 kg
Dimensions	Actual unit: 136(W)x125(D) x44(H) mm Shipping: Varies depending on quantity	Actual unit: 136(W)x125(D) x44(H) mm Shipping: Varies depending on quantity	Actual unit: 440(W)x425(D) x50(H) mm Shipping: 550(W)x640(D)x210(H) mm	Actual unit: 482.0(W)x707.8(D) x86.8(H) mm Shipping: 670(W)x920(D)x310(H) mm
Remote Management	N/A	N/A	N/A	1 x Network Remote Management KVM Port
Certifications	CE, FCC	CE, FCC	CE, FCC	SCC, CNCA or CCC, CE, TUV, IECCEB, KSA ICCP, NRCS, BSMI, NRTL, ACMA or C-Tick, ICES, VCCI, GS, GOST, SABCS, FCC, ICT

¹ Detected Devices

² As defined by RFC1242, Section 3.17

SG 5 Modules - Express/Pro
Payment Property Management System Volume Control Radius Support Lawful Intercept Advanced QoS Multi-WAN Event Manager PAN / Casting
Services
HSIA-as-a-Service • Fast deployment of WiFi hotspots across multiple locations • Drag-and-drop portal design & management • WiFi monetization
Platform
Edge Connector • ANTI Labs Gateways Edge Connector - Others • ANTI Labs Cloud Gateway • Other AP brands* • Other gateway brands* Global Accounts Cloud Backups
*Inquire to see a separate list of supported brands and other equipment