



WIS-C300 Controller/Gateway

6*Gigabit RJ45, 1* Combo port, 2*USB 2.0

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Version 1.0

Product Overview

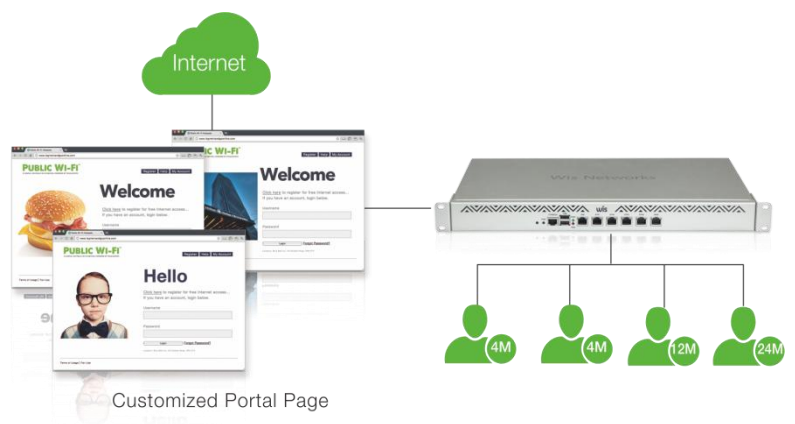
WIS-C300 is a multi-WAN hotspot gateway which is ideal for Internet service provider or hotels / restaurant. It is full featured with captive web portal authentication and PPPoE authentication, along with Wisnetworks unique powerful user account management feature for bandwidth usage limit and time/date limit. The gateway supports up to 50,000 sessions and more than 300 online users, using the 11-inch rack-mount design, built-in power supply. Integrating Wisnetworks intelligent QoS and APP management feature,

WIS-C300 helps you build a professional ISP level network easily and quickly, and provide you best Internet experience for WISP, Hotel and other industries.

Features

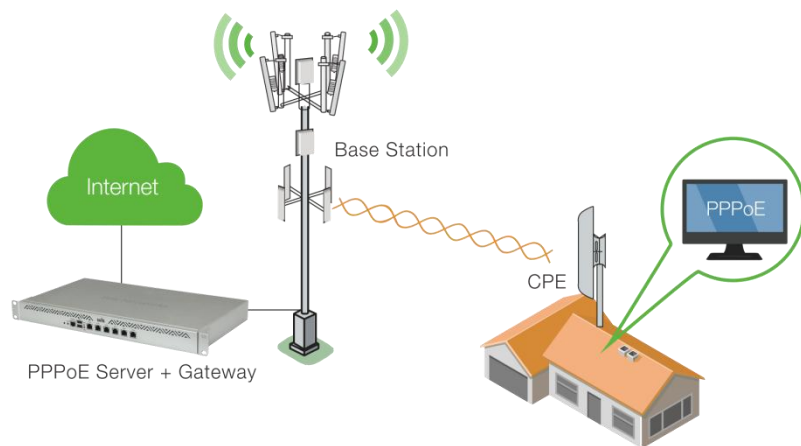
Captive Web Portal

- ✦ Customized Portal Page
- ✦ Unlimited user account
- ✦ Verified by date/duration/traffic
- ✦ Account expiration notice



PPPoE Server (PPPoE)

- ✦ Support PAP/CHAP/MS-CHAP v2
- ✦ User download/upload speed limit
- ✦ Unlimited user account

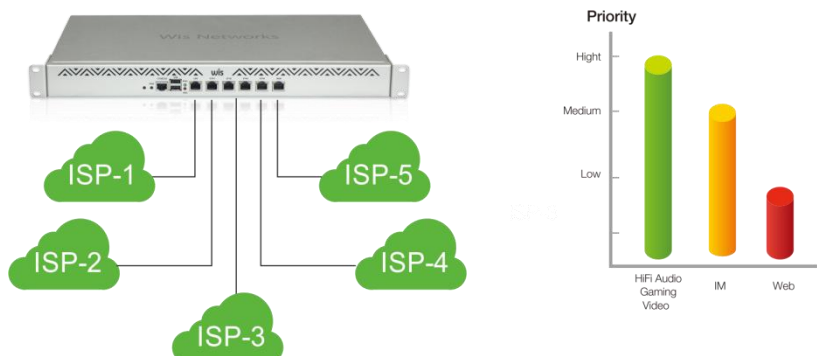


Load Balanced WAN

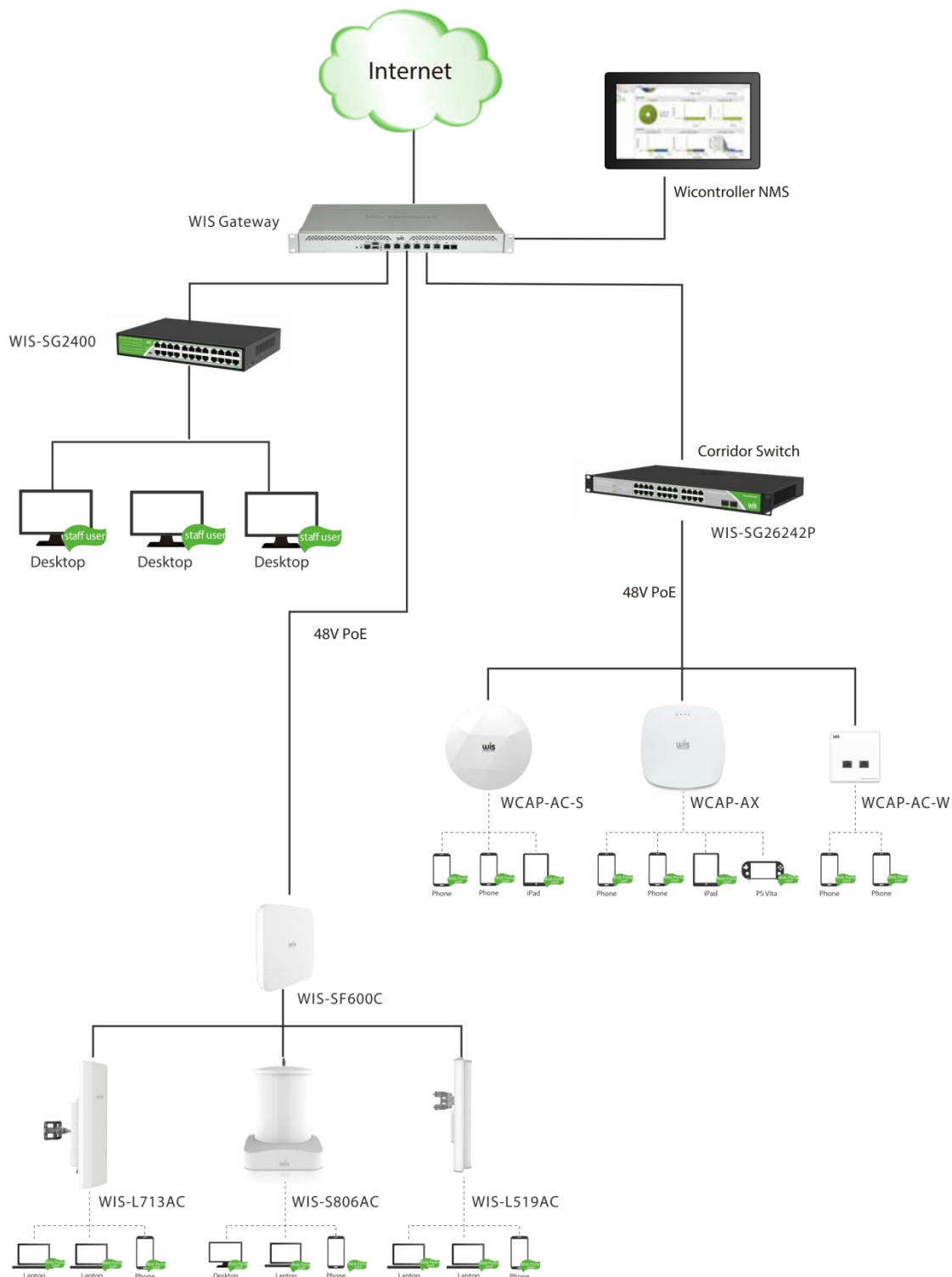
- ✦ Up to 4 WAN ports
- ✦ Merge and boost up Internet speed
- ✦ Policy for different ISP line

Smart QoS / APP Management

- ✦ Bandwidth and priority based QoS
- ✦ Policy for LAN application
- ✦ Layer-7 smart QoS



Network Topology



| HARDWARE | |
|------------------------------------|---|
| Interface | - 6*Gigabit Ethernet ports - 1* Console port - 2 *USB2.0 - Reset |
| CPU | Intel Atom®1037U 2*cores, 1.8GHz, |
| RAM | - 4GB |
| HDD | - 16GB |
| LED Indicators | - Power - HDD |
| Power | - Input: 100-240 VAC, 50/60 Hz |
| Dimensions | -1U (442*256*44mm) |
| Environmental Conditions | Operating Temperature: 0°C to 70°C 3Operating Humidity: 10% to 80% non-condensing |
| AUTHENTICATION SERVER | |
| Authentication Types | - Captive web portal - PPPoE Server |
| Customizable Captive Portal | - Yes |
| User Exception | - Yes |
| Local Account Database | - Yes |
| Expiration / Offline Notice | - Customized |
| USER MANAGEMENT | |
| Account Number | - Unlimited |
| Bind MAC / IP | - Yes |
| Validate Period | - By Date / Duration / Traffic Usage |
| Speed Limit | - Yes |
| Change Password | - Allow authenticated users to modify their own login password |
| Session Limit | - Yes |

| NETWORK STATUS | |
|------------------------------------|--|
| Traffic Diagram | - Yes |
| Online Host Monitoring | - Ethernet LEDs - Power - System |
| Online APP Monitoring | - Input: 100-240 VAC, 50/60 Hz |
| User Monitor | - Portal / PPPoE / DHCP |
| Device Status | - CPU / Memory/ Session |
| NETWORK ACTIVITY LOGS | |
| System Logs | - Yes |
| ARP Logs | - Yes |
| PPPoE Logs | - Yes |
| Web Portal Logs | - Yes |
| Firewall/ACL Logs | - Yes |
| Website Logs | - Yes |
| NETWORK SERVICES | |
| Internet Protocol | - Unlimited |
| DHCP Server | - Yes |
| DHCP Relay | - By Date / Duration / Traffic Usage |
| Network Address Translation | - Yes |
| Local DNS Records | - Allow authenticated users to modify their own login password |
| VPN | -n2n,PPTP, IPsec,OpenVpn |
| DNS | -DDNS, SMARTDNS |



WIS-C200
WIS-C300
WIS-C500



WIS-C1000
WIS-C5000

| HARDWARE | | | | | |
|-------------------------|-------------------|------------------|---------------------|--------------------|--------------------|
| Model | WIS-C200 | WIS-C300 | WIS-C500 | WIS-C1000 | WIS-C5000 |
| CPU | Intel Atom® D525 | Intel Atom®1037U | Intel Celeron 3865U | Intel Core i5-3470 | Intel Core i7-4770 |
| RAM | 2GB | 4GB | 4GB | 8GB | 8GB |
| HDD | 16GB | 16GB | 16GB | 32GB | 32GB |
| SFP port | × | × | × | 2*Gigabit SFP | 2*10 Gigabit SFP |
| Gigabit Ethernet | 6*Gigabit | 6*Gigabit | 6*Gigabit | 6*Gigabit | 6*Gigabit |
| USB | 2* USB2.0 | 2* USB2.0 | 2* USB3.0 | 2* USB2.0 | 2* USB2.0 |
| Console | √ | √ | √ | √ | √ |
| Reset | √ | √ | √ | √ | √ |
| Power | 50W | 50W | 50W | 150W | 150W |
| Dimensions | 1U (442*256*44mm) | | | | |

Support WCAP-Lite, WCAP-AC-S, WCAP-AX



| Model | WCAP-Lite | WCAP-AC-S | WCAP-AX |
|----------------------|------------|---------------|---------------|
| Frequency | 2,4GHz | 2,4GHz & 5GHz | 2,4GHz & 5GHz |
| 2.4GHz speed | 300Mbps | 300Mbps | 574Mbps |
| 2.4GHz MIMO | 2*2 | 2*2 | 2*2 |
| 5GHz speed | - | 867Mbps | 1201Mbps |
| 5GHz MIMO | - | 2*2 | 2*2 |
| PoE | 802.3af/at | 802.3af/at | 802.3af/at |
| Ceiling Mount | √ | √ | √ |
| Tx power | 23dbm | 23dbm | 23dbm |
| Distance | 150m | 150m | 150m |