

## WIS-C200 Controller/Gateway

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

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Version 1.0

## Product Overview

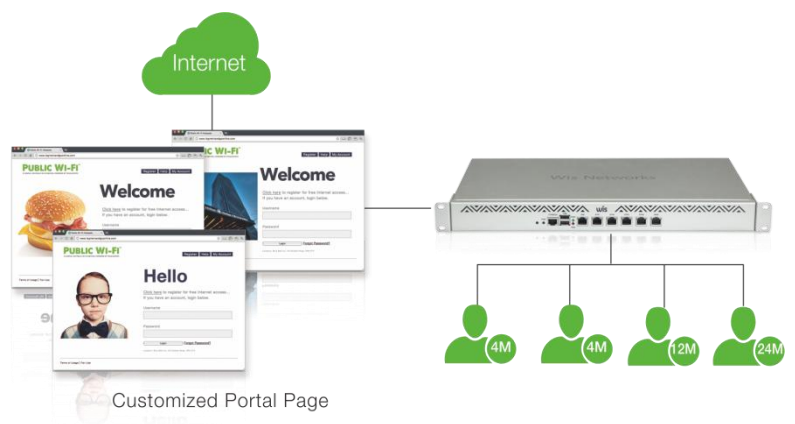
WIS-C200 is a multi-WAN hotspot gateway which is ideal for Internet service provider or hotels / restaurant. It is full featured with captive web portal authentication and PPPoE authentication, along with Wisnetworks unique powerful user account management feature for bandwidth usage limit and time/date limit. The gateway supports up to 50,000 sessions and more than 200 online users, using the 11-inch rack-mount design, built-in power supply. Integrating Wisnetworks intelligent QoS and APP management feature,

WIS-C200 helps you build a professional ISP level network easily and quickly, and provide you best Internet experience for WISP, Hotel and other industries.

## Features

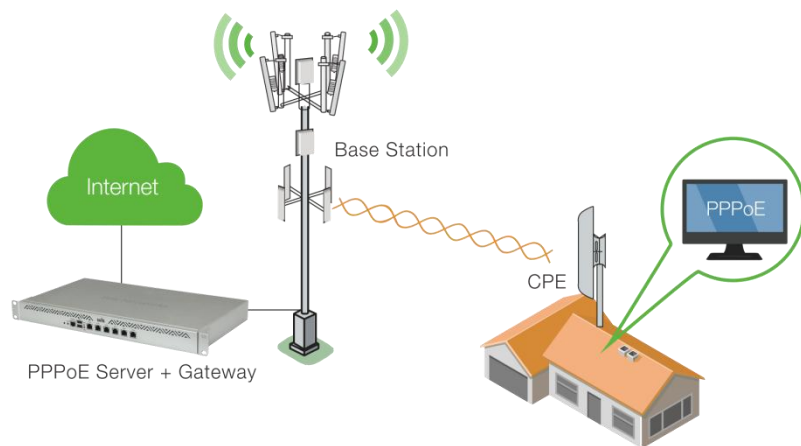
### Captive Web Portal

- \* 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

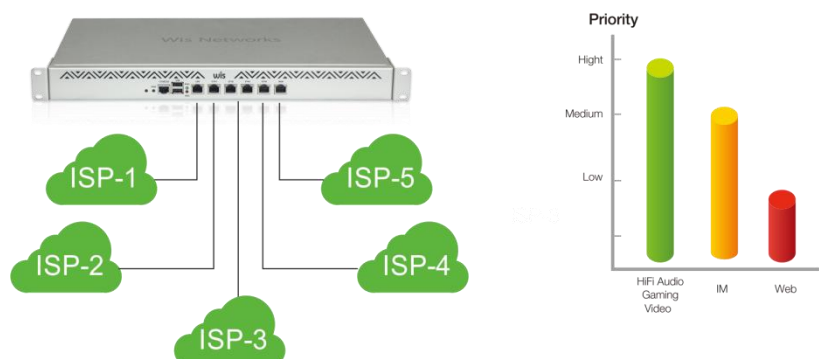


### Load Balanced WAN

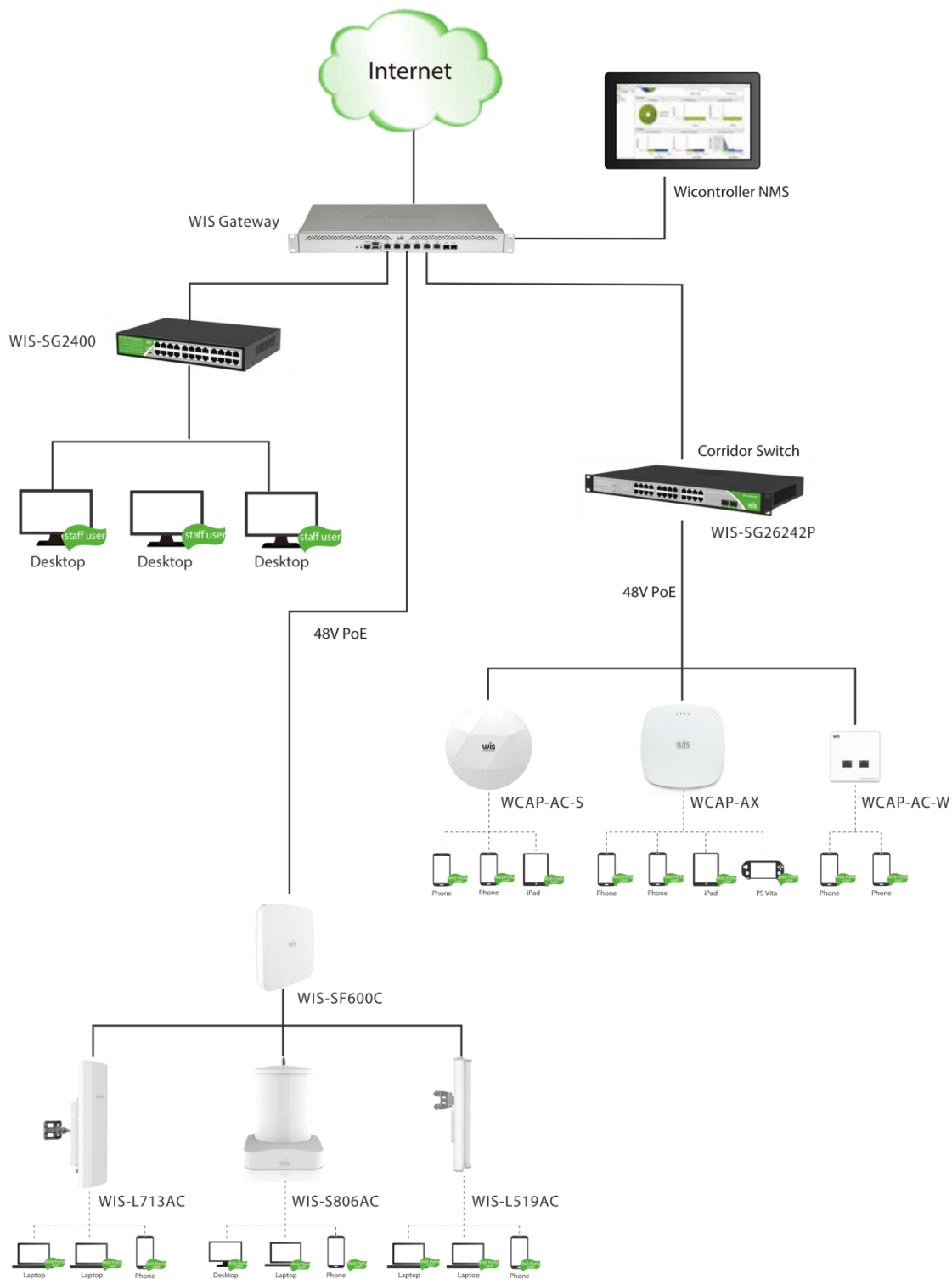
- \* Up to 4 WAN ports
- \* Merge and boost up Internet speed
- \* Policy for different ISP line

### Smart QoS / APP Management

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



# Network Topology



HARDWARE	
<b>Interface</b>	- 6*Gigabit Ethernet ports - 1* Console port - 2 * USB2.0 - Reset
<b>CPU</b>	Intel Atom® D525 2*cores, 1.8GHz,
<b>RAM</b>	- 2GB
<b>HDD</b>	- 16GB
<b>LED Indicators</b>	- Power - HDD
<b>Power</b>	- Input: 100-240 VAC, 50/60 Hz
<b>Dimensions</b>	-1U (442*256*44mm)
<b>Environmental Conditions</b>	Operating Temperature: 0°C to 70°C 3Operating Humidity: 10% to 80% non-condensing
AUTHENTICATION SERVER	
<b>Authentication Types</b>	- Captive web portal - PPPoE Server
<b>Customizable Captive Portal</b>	- Yes
<b>User Exception</b>	- Yes
<b>Local Account Database</b>	- Yes
<b>Expiration / Offline Notice</b>	- Customized
USER MANAGEMENT	
<b>Account Number</b>	- Unlimited
<b>Bind MAC / IP</b>	- Yes
<b>Validate Period</b>	- By Date / Duration / Traffic Usage
<b>Speed Limit</b>	- Yes
<b>Change Password</b>	- Allow authenticated users to modify their own login password
<b>Session Limit</b>	- Yes

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



WIS-C200  
WIS-C300  
WIS-C500



WIS-C1000  
WIS-C5000

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

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



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