



WIS networks WIS-C5000 Controller-Gateway Instruction Manual

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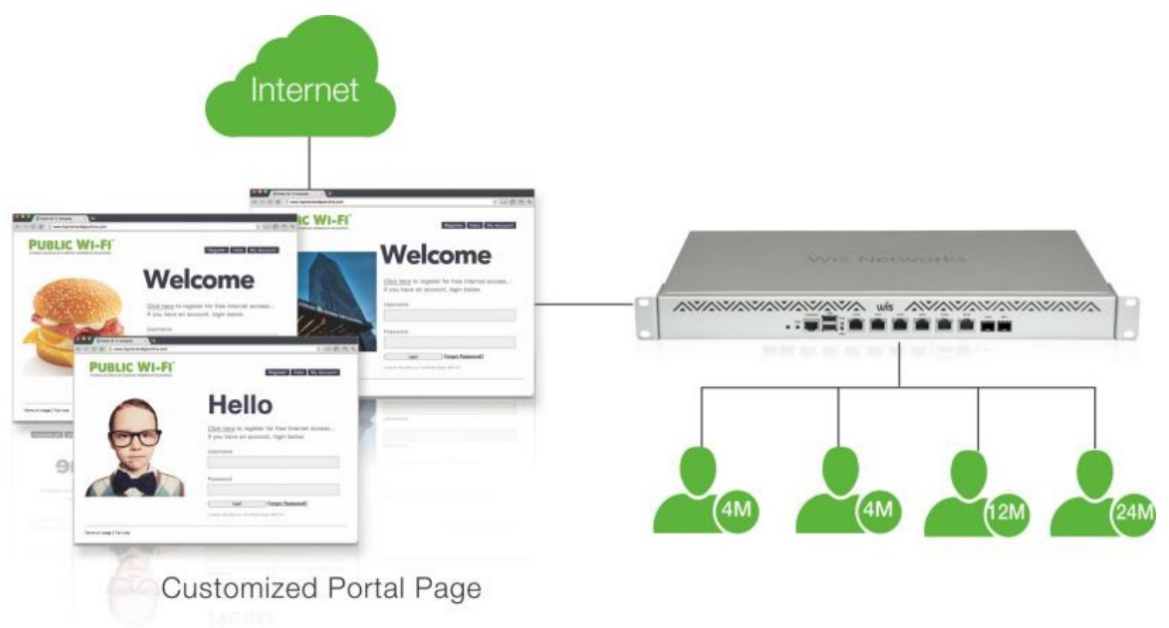
Product Overview

WIS-C5000 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 5000 online users, using the 11-inch rack-mount design, built-in power supply. Integrating Wisnetworks intelligent QoS and APP management feature,

WIS-C5000 helps you build a professional ISP level network easily and quickly, and provide you best Internet experience for WISP, Hotel and other industries.

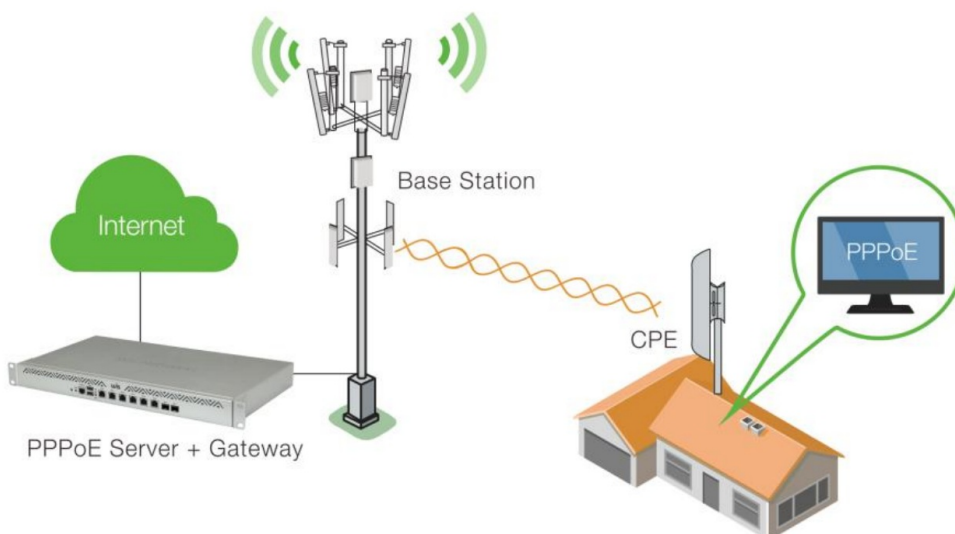
Features

Captive Web Portal



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

PPPoE Server (PPPoE)

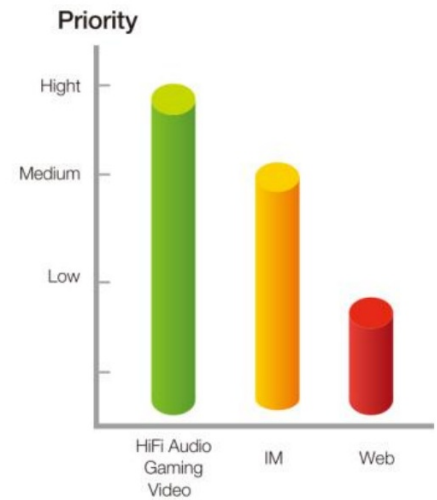
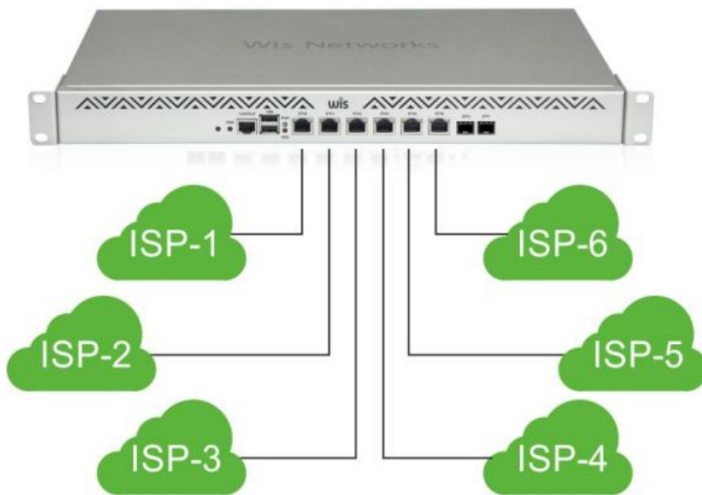


- Support PAP/CHAP/MS-CHAP v2
- User download/upload speed limit
- Unlimited user account

Load Balanced WAN

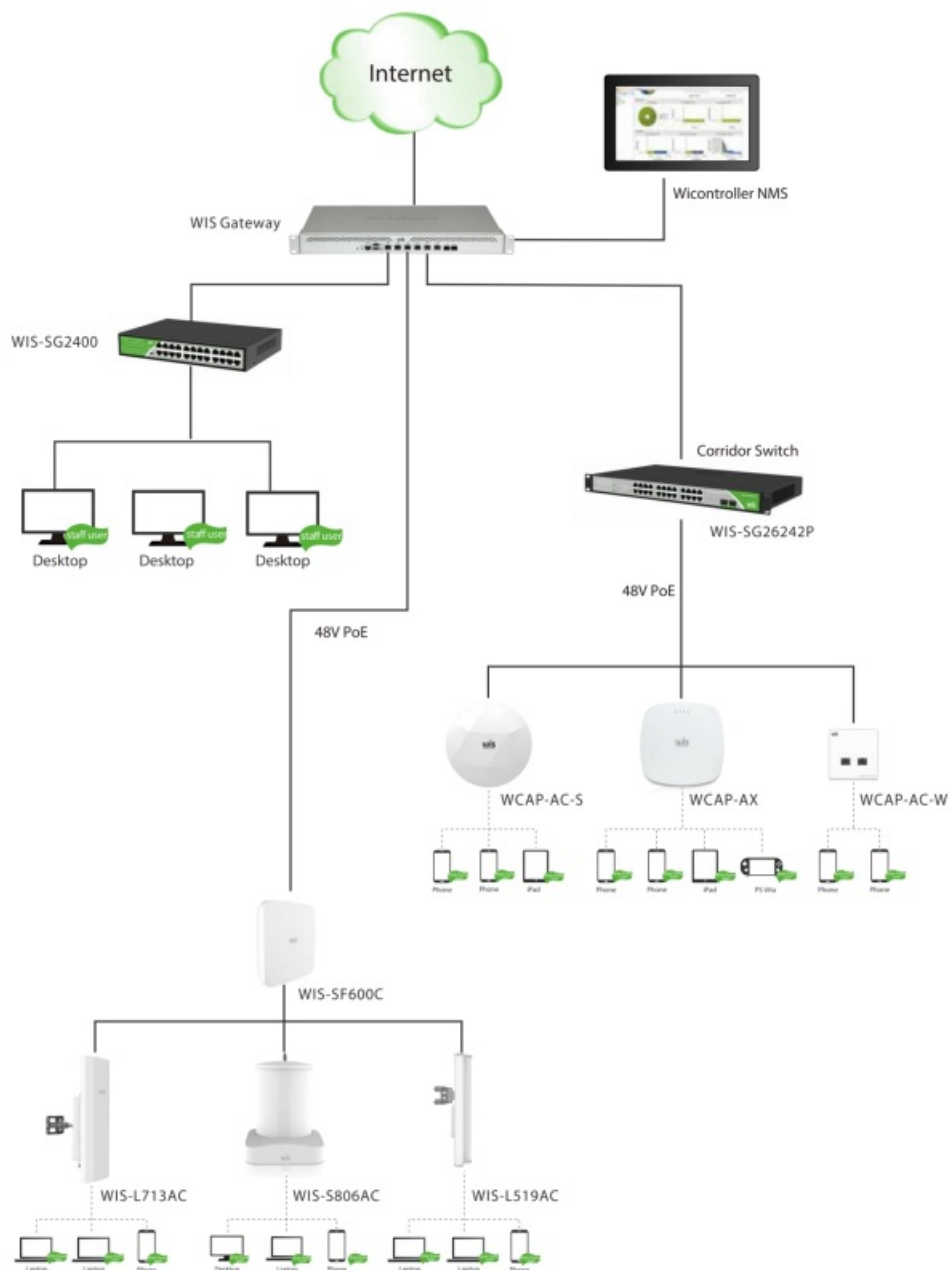
- Up to 4 WAN ports
- Merge and boost up Internet speed
- Policy for different ISP line

Smart QoS / APP Management



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

Network Topology



HARDWARE

Interface	• 2*10 Gigabit SFP port • 6*Gigabit Ethernet ports • 1* Console port • 2 x USB2.0 • Reset
CPU	Intel Core i7-4770 4*cores, 3.4GHz
RAM	• 8GB
HDD	• 32GB

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 3 Operating 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
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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, Open Vpn
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® D 525	Intel Atom®10 37U	Intel Celeron 386 5U	Intel Core i5-34 70	Intel Core i7-47 70
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

Customers Support

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Documents / Resources



[WIS networks WIS-C5000 Controller-Gateway](#) [pdf] Instruction Manual
WIS-C5000 Controller-Gateway, WIS-C5000, Controller-Gateway, Gateway

References

- [🌐 Wis - A Wise Choice for Wireless Networking](#)
- [User Manual](#)

Manuals+.