



WISP/Hotel Multi-WAN Gigabit Hotspot Gateway

WIS-R5100

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Version 1.0

Product Overview

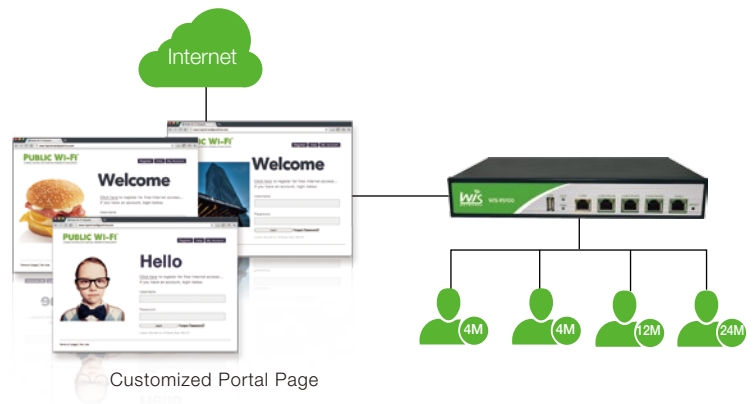
WIS-R5100 is a multi-WAN hotspot gateway which is ideal for Internet service provider or hotels / restaurant. It is full featured with captive web portal authentication and PPPoE authentication, along with Wisnetworks unique powerful user account management feature for bandwidth usage limit and time/date limit. The gateway supports up to 70,000 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-R5100 helps you build a professional ISP level network easily and quickly, and provide you best Internet experience for WISP, Hotel and other industries.

Features

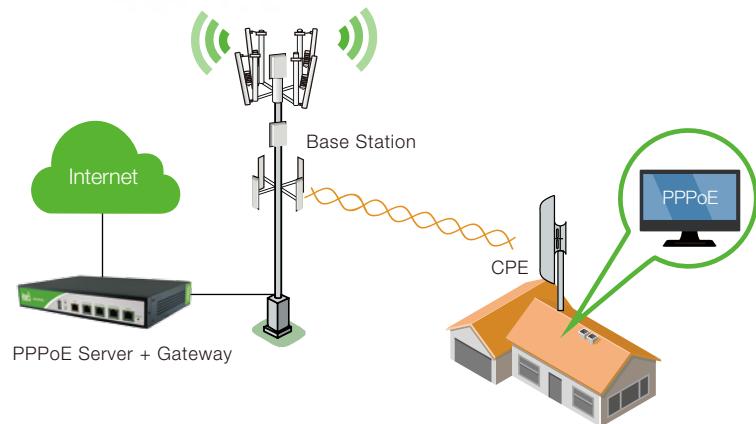
Captive Web Portal

- 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

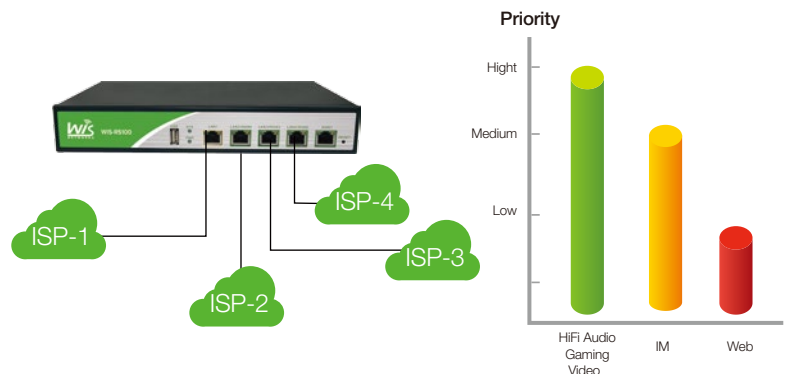


Load Balanced WAN

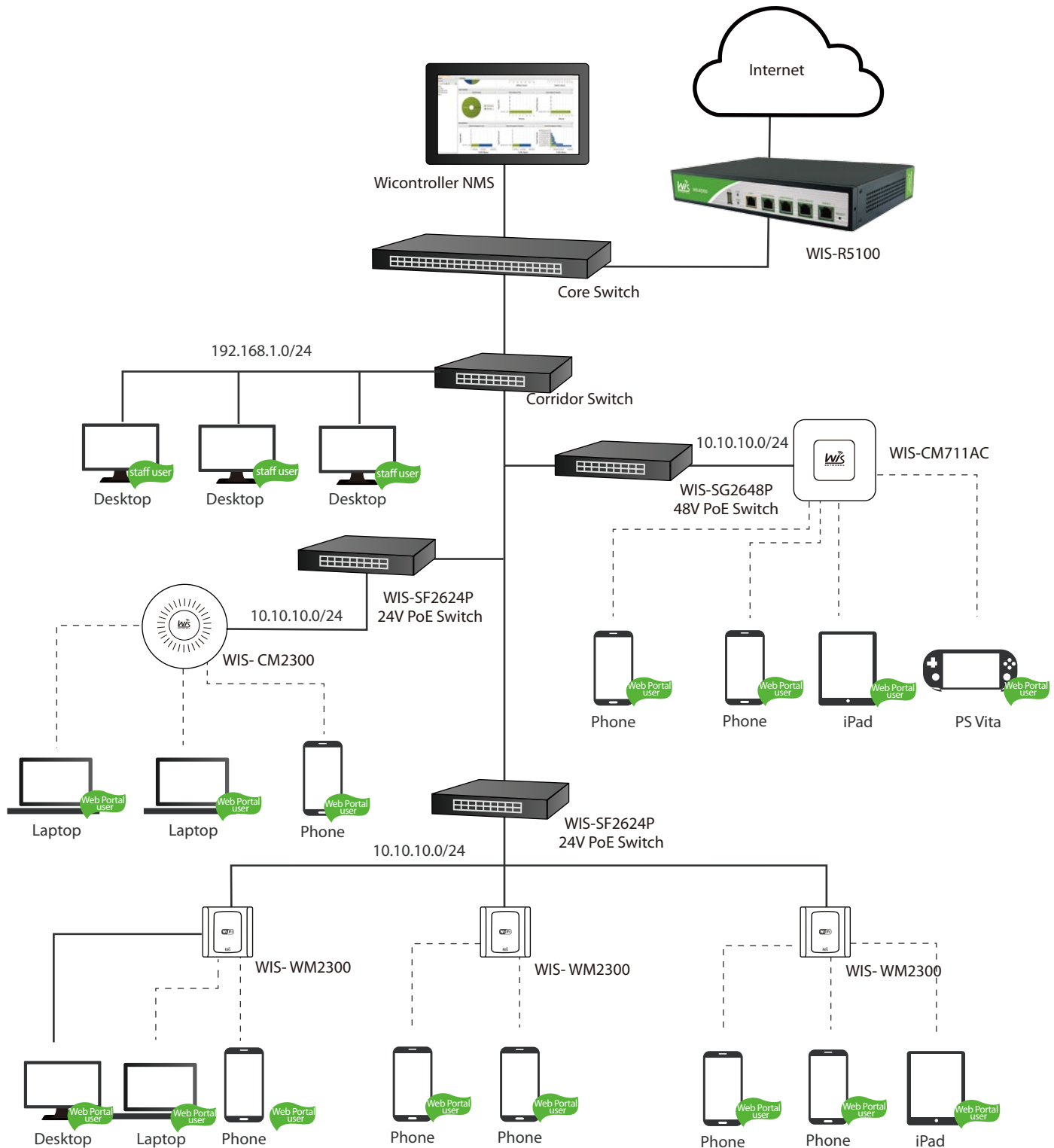
- Up to 4 WAN ports
- Merge and boost up Internet speed
- Policy for different ISP line

Smart QoS / APP Management

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



Network Topology



HARDWARE

Interface	<ul style="list-style-type: none"> - WAN: 4 x 10/100/1000Base-T Ethernet, Auto MDIX, RJ-45 - LAN: 1 x 10/100/1000Base-T Ethernet, Auto MDIX, RJ-45 - Up to 4 x LAN (1 x WAN) - USB: 1 x USB2.0 - Reset
LED Indicators	<ul style="list-style-type: none"> - Ethernet LEDs - Power - System
Power	- Input: 100-240 VAC, 50/60 Hz
Dimensions	- 279 x 179 x 44mm
Weight	- 1.8kg
Environmental Conditions	<ul style="list-style-type: none"> - Operating Temperature: 0°C (-22°F) to 70°C (158°F) - Operating Humidity: 10% to 80% non-condensing
Certifications	- FCC (United States), CE (Europe) RoHS compliant

AUTHENTICATION SERVER

Authentication Types	<ul style="list-style-type: none"> - Captive web portal - PPPoE Server - ARP-Bind User
Customizable Captive Portal	- Yes
Walled Garden	- IP / Domain
User Exception	- Yes
Local Account Database	- Yes
Expiration / Offline Notice	- Customized

USER MANAGEMENT

Account Number	- Unlimited
Bind MAC / IP	- Yes
Multiple Device Logins Per Account	- 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	- Yes
Online APP Monitoring	- Yes
User Monitor	- Portal / PPPoE / DHCP
DNS Cache	- Yes
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	- IPv4
DHCP Server	- Yes
DHCP Relay	- Yes
Network Address Translation	- Yes
Local DNS Records	- Yes
Integrated Billing & Accounting System	- Yes
Billing Quota Types	<ul style="list-style-type: none"> - By duration - By traffic volume - By date