

WLAN CONTROLLER-GATEWAY PRODUCT GUIDE

The table below lists the primary differences between each WHG model, including capacity, size, and other hardware characteristics. From the software standpoint, all of the WHG models contain the same feature set (most of which are listed in page 2 of this document), except for a specific few functions such as high availability. For detailed descriptions of the software features provided by the WHG models, please consult the product datasheets.

	WHG201	WHG321	WHG325	WHG425	WHG525	WHG711	WHG802
							
Managed APs	10	40	80	150	300	500	1,200
Local Accounts	2,000	10,000	10,000	10,000	10,000	30,000	30,000
On-Demand Accounts	2,000	10,000	10,000	10,000	10,000	30,000	30,000
Form Factor	7.5" Desktop	13" Desktop	19" Rack-mount (1U)	19" Rack-mount (1U)	19" Rack-mount (1U)	19" Rack-mount (1U)	19" Rack-mount (2U)
WAN Ports	(1 or 2) ^{*1} x GbE	2 x GbE	2 x GbE	2 x GbE	2 x GbE	2 x GbE 2 x 1G SFP	2 x GbE 2 x 10G SFP 2 x 1G SFP
LAN Ports	(4 or 3) ^{*1} x GbE	2 x GbE	2 x GbE	4 x GbE	4 x GbE	10 x GbE 2 x 1G SFP	6 x GbE 2 x 10G SFP 6 x 1G SFP
Maximum Power Consumption	5.8W	8.1W	12.4W	24W	32W	123W	190W
Dimensions (W x D x H; cm)	19.0 x 13.3 x 3.3	33.0 x 18.0 x 4.5	43.0 x 28.0 x 4.4	43.0 x 26.0 x 4.4	43.0 x 26.0 x 4.4	42.6 x 45.0 x 4.4	43.0 x 45.0 x 8.8
Weight	0.82 kg	1.81 kg	5.99 kg	5.00 kg	5.00 kg	8.00 kg	19.00 kg
High Availability	No	Yes	Yes	Yes	Yes	Yes	Yes

*1: Ethernet port allocation option for various deployment scenarios
 Note: Capacity limits may vary depending on configuration parameters

FEATURE OVERVIEW

- ▶ L2 / L3 AP Management
- ▶ Tunneled AP Management (CAPWAP-based)
- ▶ L2 / L3 Roaming between AP
- ▶ Automatic AP Discovery
- ▶ Automatic AP Provisioning
- ▶ AP Batch Upgrade & Firmware Management
- ▶ Configuration Backup & Restore
- ▶ Map View of Managed APs
- ▶ AP Load Balancing
- ▶ Rogue AP Detection
- ▶ Network Traffic & Hardware Performance Statistics
- ▶ Real-time Event Notifications & AP Status Report via E-mail

- ▶ 802.1X, MAC/IP Address, or Browser-based User Authentication
- ▶ Multiple Authentication Servers (RADIUS, POP3, LDAP, etc.)
- ▶ Billable On-Demand Accounts
- ▶ User Blacklists
- ▶ Customizable Captive Portals with Walled Garden
- ▶ Simple Guest Access
- ▶ Role-based User Policies
- ▶ Schedule-based QoS, Firewall, Routing Profiles per Role
- ▶ User Session Control (e.g. Idle Timeout, Session Limit)
- ▶ User Activity Monitoring
- ▶ SMS & Payment Gateway Support

AP MANAGEMENT

USER MANAGEMENT

NETWORK MANAGEMENT

SYSTEM MANAGEMENT

WHG

- ▶ Multiple Service Zones (Virtual Networks)
- ▶ IEEE802.1Q-in-Q Double-Tagged VLAN
- ▶ VLAN Tag / Port-based Configuration
- ▶ L2 / L3 Traffic Isolation
- ▶ Cross Gateway Roaming
- ▶ Built-in DHCP Server / Relay
- ▶ Built-in Proxy Server
- ▶ Built-in NAT with Conversion Log
- ▶ Local DNS Records
- ▶ VPN (Local, Site-to-Site, Remote)
- ▶ Zero Configuration IP Plug-and-Play
- ▶ HTTPS Redirect (User Login)
- ▶ Monitor IP List
- ▶ Direct Interface with Micros Opera Hotel PMS

- ▶ High Availability / Redundancy
- ▶ Multiple-Tiered Administrator Access Privileges
- ▶ Configurable Management IP Address Range for Administrator Access
- ▶ Automatic Time Synchronization (NTP)
- ▶ Built-in Certificate Management
- ▶ Automatic Periodic System Backup
- ▶ Built-in Network Troubleshooting Utilities (e.g. packet capture, tracertr)
- ▶ Detailed Logs and Reports (DHCP Lease Log, Session List, Configuration Change Log, RADIUS Log, etc.)
- ▶ External Logging via FTP or SMTP
- ▶ IPv4 and IPv6 Compatible

Note: Feature availability is subject to software version