

High-performance Cloud PoE Gateway

WI-AC105P(V2) | WI-AC108P(V2)



Overview

Wi-Tek’s gateway is an intelligent network device integrating AP management system and gateway features. It supports Ethernet connection up to 2.5Gbps on WAN and LAN ports, which provide high-speed wired network. It is featured with tunneling protocols, multi-WAN, abundant security strategies, behavior management and other enterprise-level function, making it an idea choice for many application scenarios such as hotel, office and SMB network. In addition, the gateway supports cloud management. Users can quickly complete network device configuration, remote management as well as maintenance, greatly reducing equipment costs, labor costs, and time costs for wireless network construction.

Features

Built-in AP management system

With built-in AP management system, Wi-Tek’s gateway can realize unified management and configuration for multiple APs, enhancing the working efficiency and saving much time.

Multi-WAN Load Balancing(For WI-AC105P)

Multi-WAN load balancing allocates data streams based on the bandwidth ratio of every WAN port, which increases the utilization rate of multi-line broadband.

Intelligent Bandwidth Control

With Intelligent Bandwidth Control, the gateway can prevent a single user from occupying too much bandwidth, which ensures overall network fluency.

802.3af/at PoE Output

Supporting the 802.3af/at PoE protocol, WI-AC105P and WI-AC108P provide 4/8 PoE output ports, which makes network deployment easier and more flexible.

Multiple Tunneling Protocols

The gateway supports IPsec/ PPTP/ L2TP, offering flexible choices to create tunneling connection.

Abundant Security Strategies

The gateway integrates abundant security strategies such as ACL, DHCP static assignment, MAC address filtering dynamic ARP, static ARP binding and NAT, ensuring a highly-secure network environment.

Cloud Management

Wi-Tek Cloud’s quick installation and configuration provide reliable performance, visual management, which is easy to operate and maintain and remote access.

Specifications



Model		WI-AC105P	WI-AC108P
Hardware Features			
Interface		1*10/100/1000Mbps PoE+ RJ45 LAN Port 3*10/100/1000Mbps PoE+ RJ45 LAN/WAN Ports 1*10/100/1000Mbps RJ45 WAN Port	7*10/100/1000Mbps PoE+ RJ45 LAN Ports 1*2.5Gbps PoE+ RJ45 LAN Port 1*2.5Gbps RJ45 WAN Port
Memory		RAM: 512MB Flash: 16MB	RAM: 512MB Flash: 128MB
AP Unified Configuration		32APs	64APs
Recommended Bandwidth	Dyamic IP	Upload: 940 Mbps Download: 940 Mbps	Upload: 2250 Mbps Download: 2250 Mbps
	Static IP	Upload: 940 Mbps Download: 940 Mbps	Upload: 2250 Mbps Download: 2250 Mbps
	PPPoE	Upload: 860 Mbps Download: 880 Mbps	Upload: 2250 Mbps Download: 2250 Mbps
Power Supply		DC 54V/1.2A	DC 54V/1.77A
Power Consumption (max)		63W (With PoE load)	96W (With PoE load)
Max. PoE Power Budget		55W	88W
Max. PoE Output Per Port		802.3at	
Software Features			
Network Access		PPPoE Dial-up DHCP Client Static IP	
Routing		Static Routing Policy-based Routing Carrier Address Routing Active/Standby Mode Load Balancing Based on Source Address Flow-based Load Balancing Port-based Weighted load balancing of data streams	

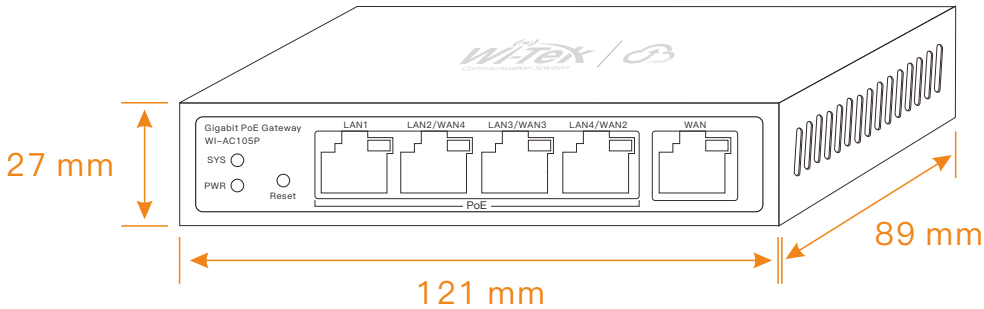
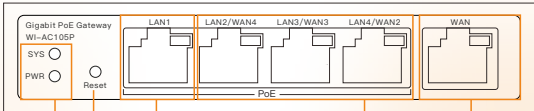
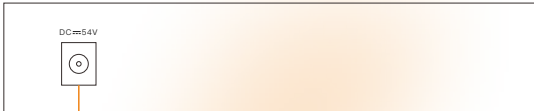


Model	WI-AC105P		WI-AC108P
Security	ACL DHCP Static Assignment MAC Address Filtering Dynamic ARP Static ARP Binding NAT Port Mapping		
Application Recognition	Support WAN Load Balancing Supports the ONVIF Protocol Support 802.1Q VLAN TAG Support SD-LAN		Supports the ONVIF Protocol Support 802.1Q VLAN TAG Support SD-LAN
Flow Control	Support Custom Flow Control Policies IP-based Automatic Bandwidth Assignment		
Traffic Audit	Real-time traffic audit IP Traffic Visualization		
Authentication	Captive Portal: One Key Auth Pre-Shared Password Local User Auth Voucher, SMS Auth RADIUS Auth		
Tunneling	PPTP L2TP IPsec		
Behavior Management	Time-based and IP policy-based access control Website Filtering		



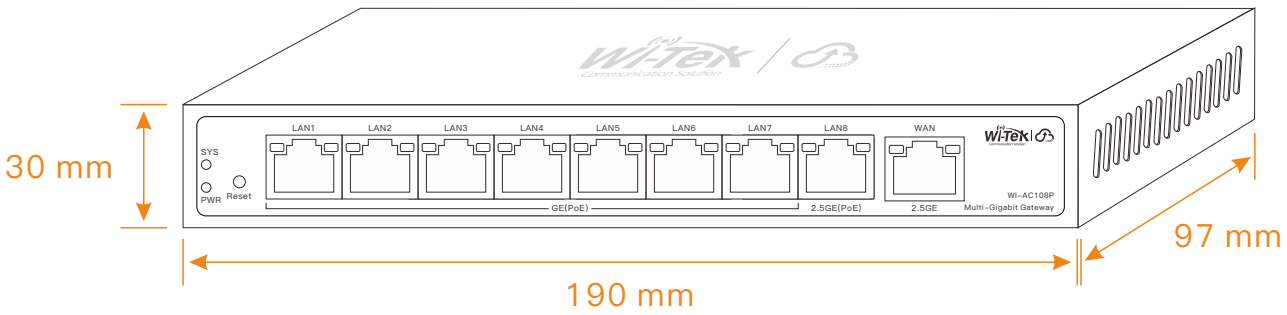
Model	WI-AC105P	WI-AC108P
AP Management	Support Auto AP Discovery	
	RF Optimization	
	Batch Configuration Overview View	
	Multi-SSID Configuration	
	SSID Hiding	
	Channel Setting	
	Tx power Setting	
	AP Online Upgrade	
	STA blacklist and whitelist	
Other Protocols	DHCP Server	
	DHCP Client	
	DHCP Option43/138	
	DNS Server	
	DDNS	
Management	Support Local Management with Web	
	Support Remote Management with Wi-Tek Cloud	
Others		
Product Dimensions	121*89*27mm	190*97*30mm
Product Weight	0.9kg	1.05kg
Package Weight	1.6kg	1.7kg
Environment	Operating Temperature: -20°C ~ 55°C(-4°F ~ 131°F)	
	Storage Temperature: -40°C ~ 70°C(-40°F ~ 158°F)	
	Operating Humidity: 5% ~ 95% (non-condensing)	
	Storage Humidity: 5% ~ 95% (non-condensing)	
Certification	CE, FCC, RoHS, UKCA, RCM	

Appearances and Dimensions

WI-AC105P	
Dimensions (mm)	
	
Front Panel	Back Panel
 LED Indicator Reset Button 1*10/100/1000Mbps PoE+ RJ45 LAN Port 3*10/100/1000Mbps PoE+ RJ45 LAN/WAN Ports 1*10/100/1000Mbps RJ45 WAN Port	 DC 54V Input Port

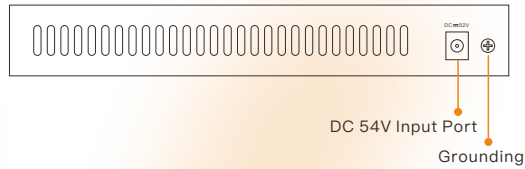
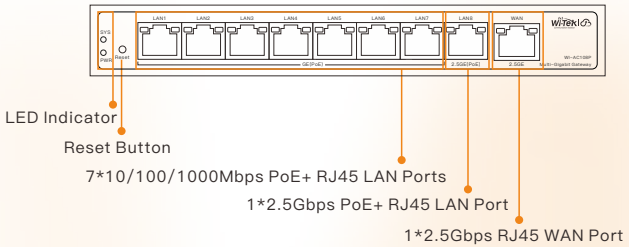
WI-AC108P

Dimensions (mm)



Front Panel

Back Panel



Package Contents

Welcome to order our products. After purchasing, you will receive:

Items	Quantity
AC Gateway	1 pcs
Power Adapter	1 pcs
Quick Installation Guide	1 pcs



Wireless–Tek Technology Limited
Address:Building 3, Units 1801–1807, 1812, Huaqiang Era Plaza, Tangwei Community, Fuhai Street, Bao’an District, Shenzhen City, Guangdong Province, China.
Website:www.wireless–tek.com
Tel:86–0755–32811290
Email:sales@wireless–tek.com
Technical Support:tech@wireless–tek.com



Technical Support



Cloud Management



Company Website