





WLAN Network Solution

Design for SMB Market













Wireless Indoor Access Point Wireless Outdoor Access Point Wireless Mesh Wi-Fi

L2/L3 Managed Switch Cloud Easy Smart PoE Switch



Wi-Tek Cloud Platform and Mobile APP

Aim at better supporting and serving project-oriented customers to provide easy and efficient multi-project management and multi-device management tool for free.

Project Management

Unlimited number of project creation Auto project network topology generation Real-time network data analysis Project share/ handover My project map Project report

Device Management

Device status overview ONVIF devices (IP Camera) management Remote device configuration One-key batch device online upgrade Device fault alarm SD-LAN network

Network Optimization

Wi-Fi configuration Wi-Fi optimization Roaming optimization

Practical Toolkit

Solar PoE Wizard **CPE Tool** Roaming Test PoE Calculator IPC Bandwidth

Real Topology

Alarm Notification



Key Functions











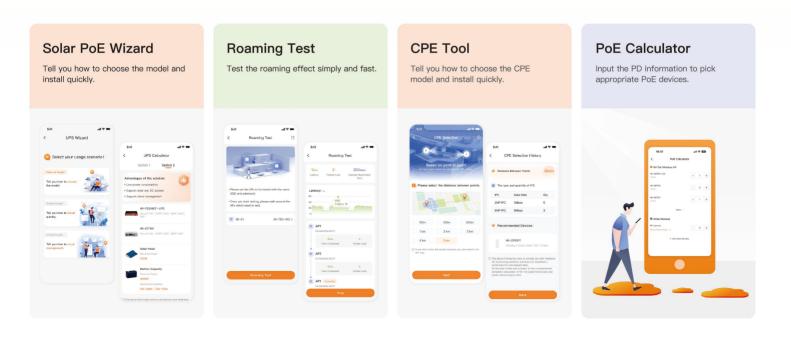
Projects are all in your grasp!

Fulfill requirements in whole project stage, afford high values and simple experience to your customers through Wi-Tek Cloud.

How does Wi-Tek cloud help you?



Practical Toolkit





Cloud WLAN Network Solution

Redefine the WLAN Cloud solution with greater simplicity, security, and scalability.



Cloud remotely management, save onsite time and cost



Intelligent operation and easy maintenance by mobile APP



300Mbps to 5400Mbps wireless rate, accurately adapt to project requirements



Abundant product makes product selection complete than ever



Product design based on scenario and networking requirements



SD-LAN intelligent network realizes the cross-region intranet interconnection



Product Recommendation

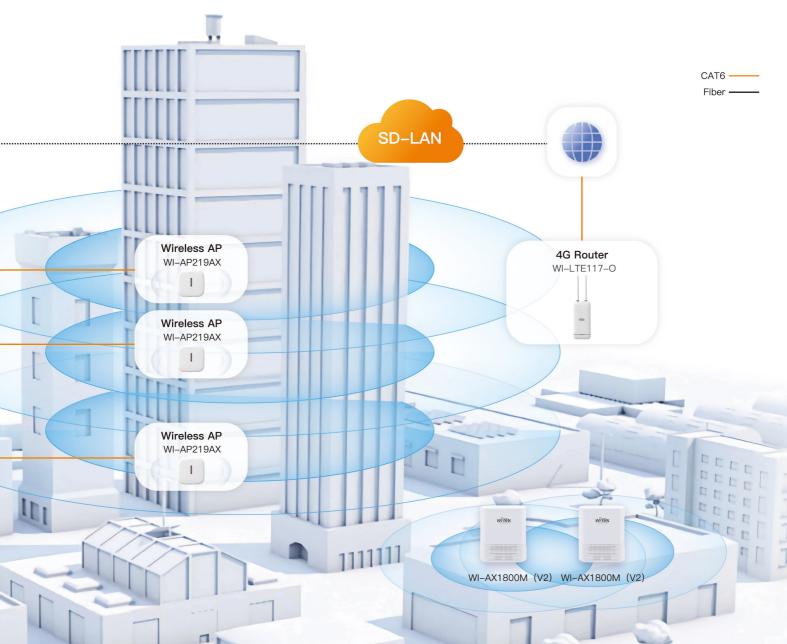














Cloud L3 Managed Switch



Wi-Tek Cloud L3 managed Switch provide Gigabit PoE+ ports and 10G SFP+ slots. Support cloud management which is a high-efficient way for users to manage the network anywhere and anytime. With abundant layer 3 functions, it supports RIP, OSPF, DHCP, etc. helping to build scalable and reliable networks. Robust security functions such as DHCP snooping, ACL, AAA, etc.ensure network data security and reliability.



	200 SAN SAN AND A	**************************************	**************************************	Abad more more than the	NO. D. T. CONTROL OF THE PARTY
Model	WI-PCMS528F-L3 (V2)	WI-PCMS554F-L3 (V2)	WI-PCMS554FP-L3	WI-CGS5328-L3 (V2)	WI-CFS6012-L3
Interface	24*10/100/1000Mbps PoE+ 4*10Gbps SFP+ Slots	48*10/100/1000Mbps PoE+ 6*10Gbps SFP+ Slots	48*10/100/1000Mbps PoE+ 6*10Gbps SFP+ Slots	8*1000Mbps Combo Ports 16*1000Mbps SFP Slots 4*10Gbps SFP+ Slots	12*10Gbps SFP+ Slots
PoE Ports	24	48	48	-	-
Standard	Port 1-24: 802.3 af/at	Port 1-48: 802.3 af/at	Port 1-48: 802.3 af/at	-	-
PoE Power Budget	370W	370W	880W	-	-
Switching Capacity	128 Gbps	216 Gbps	216 Gbps	128 Gbps	240 Gbps
Packet Forwarding Rate	95.23 Mpps	161 Mpps	161 Mpps	95.23 Mpps	178.6 Mpps
MAC Address Table	16 k	16 k	16 k	16 k	32 k
EWEB Management	Yes	Yes	Yes	Yes	Yes
Onvif	Yes	Yes	Yes	Yes	Yes
Operating Temperature			–10°C~50°C		



Cloud L2+ Managed Switch



Cloud L2+ managed series switches can be managed through the cloud platform, providing a professional and reliable one-stop solution. Integrated L2 and L2+ features such as 802. 1Q VLAN, QoS, DHCP server, ERPS, IGMP snooping and static routing provide a reliable network solution for small and medium-sized businesses.





ERPS

Cloud Management





DHCP Service

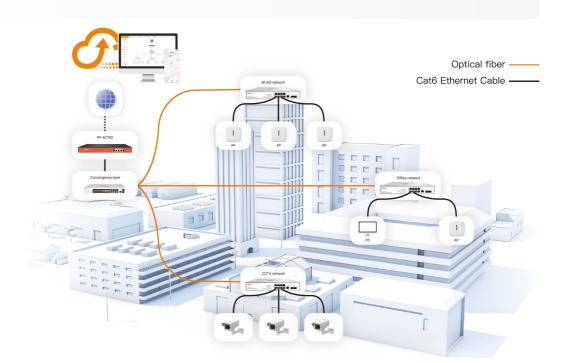
QoS





Static Routing

Link Aggregation









Model	WI-PCMS310GF (V2)	WI-PCMS328GF (V2)	WI-CGS5026 (V2)
Interface	8*1000Mbps RJ45 Ports 2*Gigabit SFP Slots	24*1000Mbps RJ45 Ports 2*Gigabit Combo ports 2*Gigabit SFP Slots	18*1000Mbps SFP Slots 8*1000Mbps RJ45 Ports
PoE Standard	802.3af/at	802.3af/at	/
PoE Ports	8	24	/
PoE Power Budget	140W	370W	/
Switching Capacity	20Gbps	56Gbps	52Gbps
Packet Forwarding Rate	14.88Mpps	41.66Mpps	38.69Mpps
MAC Address Table	8k	8k	8k
EWEB Management	Yes	Yes	Yes
Operating Temperature		-10°C~50°C	



Cloud Easy Smart Switch



Wi-Tek Cloud Easy Smart PoE switch provides simple, safe, and easy-to-use local WEB and remote management methods and supports smart deployment, abnormal alarm, ONVIF automatic identification of network cameras, automatic shutdown of loop ports, etc. Users can easily use it without professional IT operation and maintenance. Wi-Tek Cloud Easy Smart PoE Switch is the best choice for CCTV and SMB network solution.





Up to 250 meters

Cloud Management





Full Gigabit Port Access

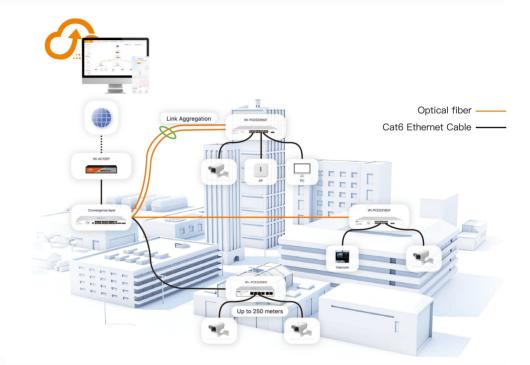
Automatic Loop Prevention





ONVIF Device Detect

Port VLAN



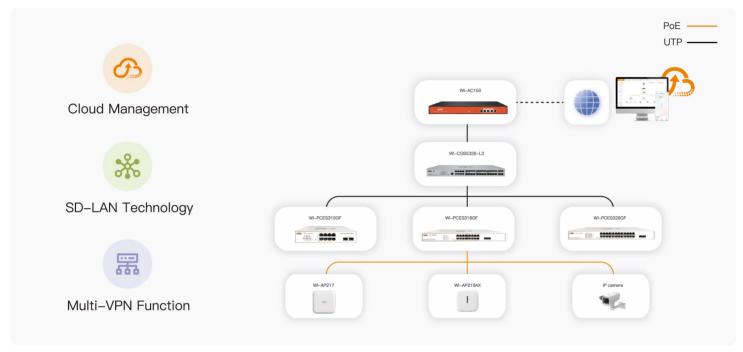
	Will Consumer to the second of		Section of Section 1971	With Comment of the C
Model	WI-PCES306G(V2)	WI-PCES310GF(V2)	WI-PCES318GF(V2)	WI-PCES326GF(V2)
Interface	6*10/100/1000Mbps RJ45 Ports	8*10/100/1000Mbps RJ45 Ports 2*1000Mbps SFP Slots	16*10/100/1000Mbps RJ45 Ports 2*1000Mbps SFP Slots	24*10/100/1000Mbps RJ45 Ports 2*1000Mbps SFP Slots
PoE Ports (802.3af/at)	4	8	16	24
PoE Power Budget	60W	120W	240W	370W
Switching Capacity	12 Gbps	20 Gbps	36 Gbps	52 Gbps
Packet Forwarding Rate	8.93 Mpps	14.88 Mpps	26.78 Mpps	38.68Mpps
VLAN	Yes	Yes	Yes	Yes
Loop Prevention	Yes	Yes	Yes	Yes
Onvif	Yes	Yes	Yes	Yes
Operating Temperature		-10°C~50°C		



Multi-WAN Gateway with Cloud Management



Wi-Tek's gateway is an intelligent network device integrating AP management system and gateway features and supporting up to 2.5Gbps connection on LAN and WAN ports for ultrafast wired network. They are featured with multiple VPN 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. As the gateway supports cloud management, users can quickly complete network device configuration, remote management as well as maintenance via cloud web or app anywhere and anytime, maximizing the convenience and flexibility.



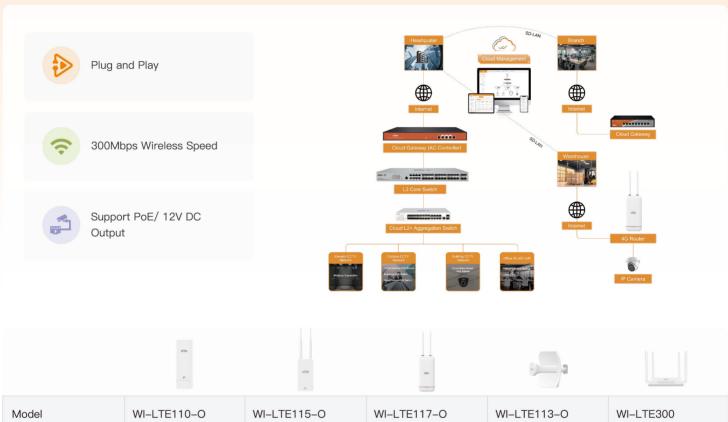
	with .	,	. :0001	0 (A) A) A
Model	WI-AC105P	WI-AC108P	WI-AC150	WI-AC500
Interface	5*1000Mbps Ethernet ports 4 WAN ports (Default: 1 WAN port, 4 LAN ports)	9*1000Mbps Ethernet ports (Default: 1 WAN port, 8 LAN ports)	5*1000Mbps Ethernet ports 4 WAN ports (Default: 1 WAN port, 4 LAN ports)	6 x 2.5G Ethernet Ports Up to 5 WAN ports (Default: 1 WAN port, 5 LAN ports)
PoE Output Port	4*802.3af/at PoE	8*802.3af/at PoE	N/A	N/A
Manage AP(Max)	32APs	64APs	150APs	500APs
Power Supply	AC:100-240V	AC:100-240V	AC:100-240V	AC:100-240V
Power Consumption	65W (With PoE load)	150W (With PoE load)	<25W	< 15W



300Mbps LTE 4G Wireless Router



Enjoy seamless connectivity with our advanced 4G LTE Router. With lightning–fast download speeds up to 300Mbps and reliable upload speeds of 50Mbps, you'll never miss a beat. Our router is designed to be backward compatible with 4G/3G networks, ensuring uninterrupted connections. Simply plug in your card for instant network access, anytime, anywhere. Perfect for both home and remote work environments, our 4G Router enhances productivity and guarantees a consistent connection.



Model	WI-LTE110-O	WI-LTE115-O	WI-LTE117-O	WI-LTE113-O	WI-LTE300
Hardware	V2	V2	V2	V1	V2
Interface	(2)10/100M Base-T Ethernet Ports	(1)10/100M Base-T Ethernet Port	(2)10/100M Base–T Ethernet Ports	(1)10/100M/1000M Base-T Ethernet Port	(3)10/100M Base-T Ethernet Ports
Power Supply	DC IN 12V/1A or 24V Passive PoE IN	DC IN 12V/1.5A	DC IN 48-54V/2A MAX or 802.3af/at PoE IN	802.3af/at PoE or 24V Passive PoE IN	DC IN 12V/1A
4G Antenna Gain	2dBi	5dBi	5dBi	19dBi	5dBi
LTE Category	CAT 4	CAT 4	CAT 4	CAT 6	CAT 4
Waterproof	IP65	IP65	IP65	IP65	No
PoE/DC Output	No	(1)DC Out 12V/1A	(1) PoE Output	No	No
Cloud Management	Yes	Yes	Yes	Yes	Yes



Wireless Mesh Wi-Fi System



Unpack your Wi-Tek Cloud device, download the app, and then effortlessly proceed with the intuitive on-screen prompts. The Wi-Tek Cloud app is designed to streamline the setup process, ensuring your system is operational within minutes.



Cloud Management



One-click Mesh Function

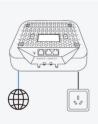


SD-LAN technology



PoE or DC IN Power

Quick Setup on Wi-Tek Cloud APP



 Ensure that the device is powered on and is connected the Internet.



Open the installed Wi-Tek Cloud APP.



3 Follow the prompts to set up step by step.









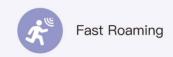
Model	WI-AX1800M (V2)	WI-AP718M	WI-AP719MP	WI-AP717MP(V2)
Wireless Standards	IEEE 802.11a/b/g/n/ac/ac wave2/ax	IEEE 802.11a/b/g/n/ac	IEEE 802.11a/b/g/n/ac/ac wave2/ax	IEEE 802.11a/b/g/n/ac
Signal Rate	Up to 574Mbps at 2.4GHz Up to 1201Mbps at 5GHz	Up to 300 Mbps at 2.4GHz Up to 867 Mbps at 5GHz	Up to 574Mbps at 2.4GHz Up to 1201Mbps at 5GHz	Up to 300 Mbps at 2.4GHz Up to 867 Mbps at 5GHz
Interface	(3)10/100/1000M Base-T LAN Ethernet ports (1)10/100/1000M Base-T WAN Ethernet port	(1) 10/100/1000M Base-T Ethernet port	(3)10/100/1000M Base-T LAN Ethernet ports	(1)10/100/1000MBase-T WAN Ethernet port (2)10/100/1000M Base-T LAN Ethernet ports
Power Supply	DC 12V 1A	802.3af/at PoE Supported	802.3bt PoE Supported	Hi-PoE Supported

Wireless Access Point



Wi-Tek wireless AP series provide wireless speed ranging from 300Mbps to 5400Mbps, which can meet various network requirements. Supporting PoE input, which improves deployment flexibility. In addition, Wi-Tek wireless AP series support cloud management and users can quickly configure, remotely manage and operate network-wide equipment, improving maintenance efficiency. Wi-Tek wireless AP series are suitable for various indoor or outdoor scenarios such as in the stores, offices, hotel and farm, etc.







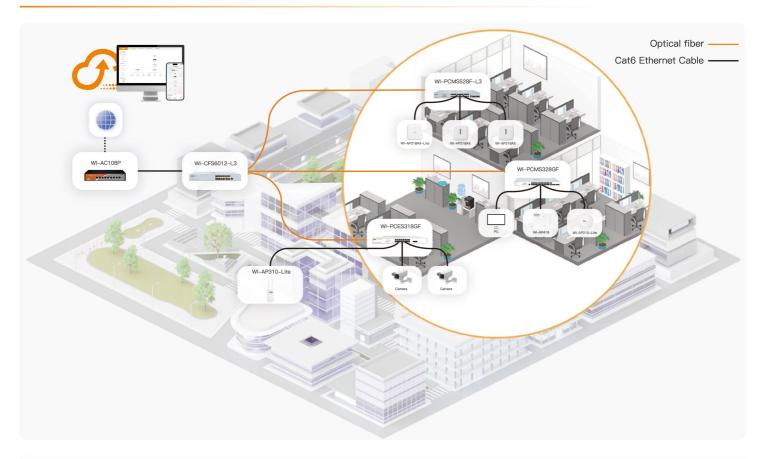


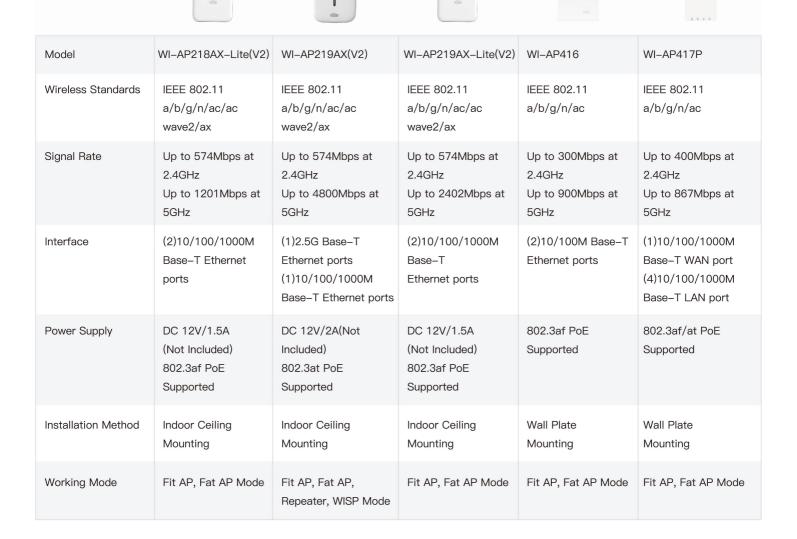






Wireless Access Point







	wife. Mesh	4000	wites Mesh	witte	witten
Model	WI-AP310-Lite	WI-AP315	WI-AP316	WI-AP317	WI-AP316AX
Wireless Standards	IEEE 802.11 a/b/g/n	IEEE 802.11 a/b/g/n/ac	IEEE 802.11 a/b/g/n/ac/ac wave2	IEEE 802.11 a/b/g/n/ac/ac wave2	IEEE 802.11 a/b/g/n/ac/ax
Signal Rate	Up to 300Mbps at 2.4GHz	Up to 300Mbps at 2.4GHz Up to 450Mbps at 5GHz	Up to 300Mbps at 2.4GHz Up to 867Mbps at 5GHz	Up to 300Mbps at 2.4GHz Up to 867Mbps at 5GHz	Up to 574Mbps at 2.4GHz Up to 2402Mbps at 5GHz
Interface	(2)10/100M Base-T Ethernet ports	(2)10/100M Base-T Ethernet ports	(2)10/100M Base-T Ethernet ports	(2)10/100/1000M Base-T Ethernet ports	(1)Gigabit Ethernet Port (1)2.5G SFP slot
Power Supply	DC 12V/1A(Not Included) 24V Passive PoE (Passive PoE injector included)	DC 12V/1.5A(Not Included) 802.3af PoE Supported	DC 12V/1A(Not Included) 24V Passive PoE (Passive PoE injector included)	DC 12V/2A(Not Included) 802.3at PoE Supported	DC 12V/2A(Not Included) 802.3at PoE Supported
Installation Method	Outdoor Pole Mounting (IP65 Waterproof)	Outdoor Pole Mounting (IP65 Waterproof)	Outdoor Pole Mounting (IP65 Waterproof)	Outdoor Pole Mounting (IP65 Waterproof)	Outdoor Pole Mounting (IP65 Waterproof)
Working Mode	Fit AP, Fat AP Mode	Fit AP, Fat AP, Repeater, WISP Mode	Fit AP, Fat AP Mode	Fit AP, Fat AP, Repeater, WISP Mode	Fit AP, Fat AP, Repeater, WISP Mode

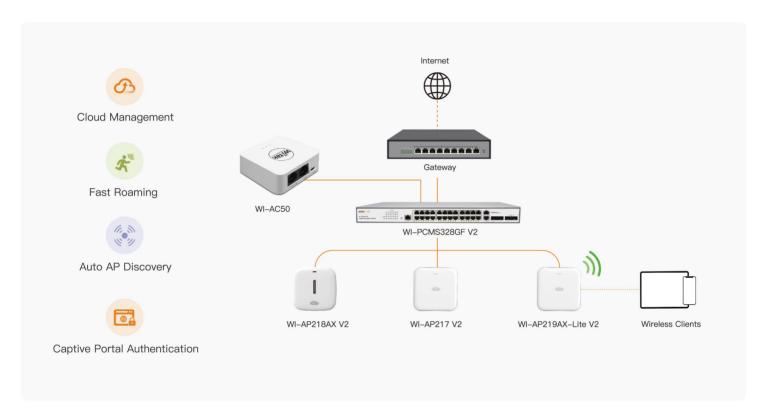
	Gran .	
Model	WI-AP510	WI-AP518AX
Wireless Standards	IEEE 802.11 a/b/g/n/ac/ac wave2	IEEE 802.11 a/b/g/n/ac/ac wave2/ax
Signal Rate	Up to 300Mbps at 2.4GHz Up to 867Mbps at 5GHz	Up to 1148Mbps at 2.4GHz Up to 2402Mbps at 5GHz
Interface	(1)10/100/1000M Base-T Ethernet port	(1)10/100/1000M/2.5G Base-T Ethernet port
Power Supply	802.3at PoE Supported	802.3at PoE Supported
Installation Method	Outdoor Pole Mounting(IP67 Waterproof)	Outdoor Pole Mounting(IP67 Waterproof)
Working Mode	Fit AP, Fat AP, Repeater, WISP Mode	Fit AP, Fat AP, Repeater, WISP Mode



Wireless Access Point Hardware Controller



WI–AC50 is a AP controller for realizing unified management and configurations for APs. WI–AC50 supports centralized management and distributed forwarding, wireless automatic optimization, built–in captive portal, wireless terminals statis–tics. Without changing existing network infrastructure, WI–AC50 makes it easy to add APs and extend network range.



	WiTek)
Model	WI-AC50(V2)
Interface	2* 10/100 Base-T Ethernet ports 1* micro USB (power) 1* 2.4GHz Wireless interface
AP Unified Configuration	50APs
Power Supply	802.3af/at PoE In Micro-USB 5V 1A
Power Consumption	<2W



Multi-Gigabit Ethernet Switch



The Wi–Tek 2.5G switch, which has 4/8 2.5 Gbps PoE+ ports, can expand and deploy the network in the future and has enough capacity to support incoming WiFi 6 APs. It is made to support up to 120 W of total PoE power budget and flexible installation to accommodate a range of application situations. It is designed to use a single Ethernet connection for both data and power transmission.









Application







2.5G Gaming Computer



Network Video Recorder



2.5G NAS/Server



Printer

Model	WI-SG505G	WI-SG508G	WI-PS505G	WI-PS508G
Interface	5*1G/2.5G Ethernet Ports	8*1G/2.5G Ethernet Ports	4*1G/2.5G RJ45 PoE Ports 1*1G/2.5G Ethernet Port	8*1G/2.5G RJ45 PoE Ports
PoE	N/A	N/A	Port 1: 802.3bt 60W Port 2-4: 802.3af/at	Port 1: 802.3bt 60W Port 2–8: 802.3af/at
PoE Budget	N/A	N/A	65W	120W
Power Supply	DC12V/2A	DC12V/2A	52V DC / 1.25A	52V DC / 2.5A



Passive Optical LAN Solution



Upgrade to intelligent, simplified, ultra-broadband next-generation all-optical POL networks for Wi-Fi 7 wireless networks. Wi-Tek POL solutions combine the advantages of light weight, small size, large bandwidth, long distance, long service life and passive transmission of optical fibers in optical networks with the centralized and visual management of traditional networks on the cloud. With fewer faulty nodes, easier fault location, and more efficient operation and maintenance, greatly reducing operation and maintenance costs.



Optical Networking



Cloud Management



Flexible Deployment



Easy Topology



Passive Aggregation Layer



Ultra-Broadband





Passive Optical LAN Solution



xPON Cloud Managed 8 Ports PoE MDU (WI-POL308G-P)

- For next generation all-optical networks
- 1*PON SC/UPC, 8*1000Mbps PoE+ RJ45
- 1.25G uplink/2.5G downlink GPON mode
- IEEE 802.3af/at, total PoE power budget 110W max
- Comply with ONVIF protocol
- Wi-Tek cloud, OMCl, OAM, WEB management



Cloud Managed GPON OLT (WI-POL5800-08)

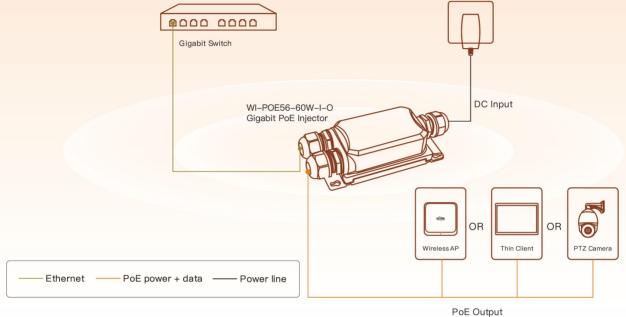
- For next generation all-optical networks
- 4*1000Mbps RJ45, 4*10G SFP+, 8*GPON
- 1:128 Max splitting ratio
- Standard OMCI, comply with other brand's MDU
- Up to 20km GPON physical transmission distance
- L2 features: ACL, QoS, VLAN, STP Safety
- L3 features: IP router, RIP/OSPF/ISIS/BGP/VRRP
- Wi-Tek cloud management, MDU & ONU centralized management



IP68 Industrial PoE Extender/Injector/Splitter



Wi-Tek Industrial Accessories PoE Extenders, PoE Injectors, PoE Splitters provide a simple, efficient and reliable solution for industrial-grade scenarios. Add more PoE ports without cabling, allowing flexible network deployment. Waterproof housing, small size, high power output, flexible deployment is a good choice for CCTV projects.





Up to 802.3bt PoE++



IP68 Waterproof Enclosure



Plug and Play









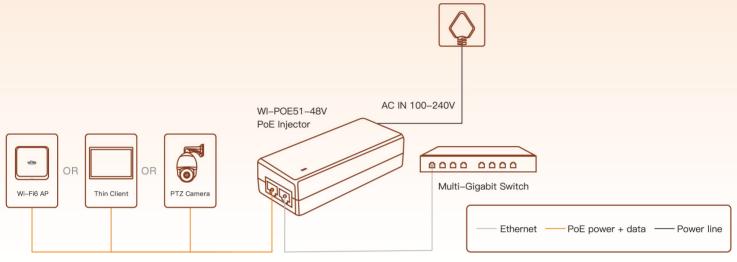
Model	WI-POE21E-O	WI-POE22E-O	WI-POE56-60W-I-O	WI-POE56S-BT-I-O
Product	PoE Extender	PoE Extender	PoE Injector	PoE Splitter
Interface	PoE input port: 1*1000Mbps PoE port with 802.3bt 60W PoE output port: 2*1000Mbps PoE port with 802.3af/at 30W	PoE input port: 1*1000Mbps PoE port with 802.3bt 90W PoE output port: 1*1000Mbps PoE port with 802.3af/at 30W 1*1000Mbps PoE port with 802.3bt 60W	Data input port: 1×1000Mbps Ethernet port Power input port: DC 24–56V/3A Max PoE output port: 1*1000Mbps PoE port with 802.3bt 60W	PoE input port: 1×1000Mbps PoE port with 802.3bt 95W Data output port: 1×1000Mbps Ethernet port DC output port: 12V/5A Max
Waterproof	IP68	IP68	IP68	IP68



PoE Injector/ PoE Splitter



Wi-Tek PoE Injectors and PoE Splitters provide different power and high-speed Ethernet data connections anywhere in your network infrastructure. Your IP camera and wireless AP will not be limited by the locations without a power outlet and no additional AC wiring. Most of all, it reduces installation time.





Convert non-PoE to PoE



Support desktop/wall-mount



Plug and play installation





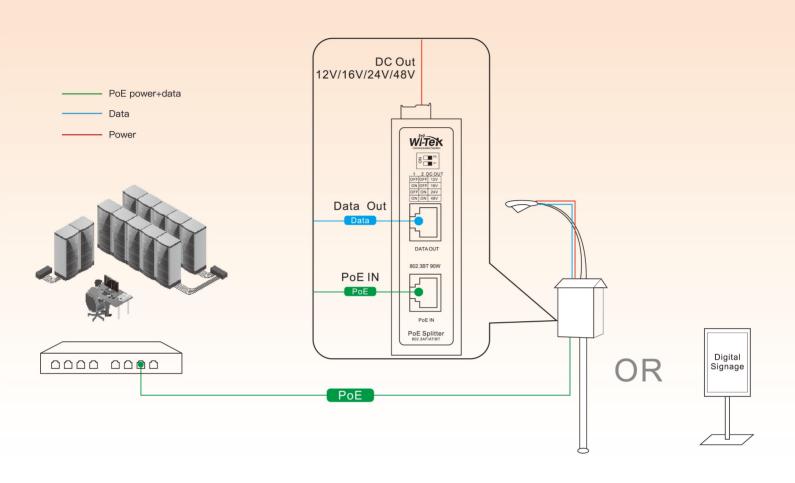




Model	WI-POE31-48V	WI-POE51-48V	WI-POE31-24V	WI-POE51-24V
Interface	1*10/100Mbps PoE RJ45 Port 1*10/100Mbps Ethernet Port	1*100/1000Mbps PoE RJ45 Port 1*100/1000Mbps Ethernet Port	1*10/100Mbps PoE RJ45 Port 1*10/100Mbps Ethernet Port	1*100/1000Mbps PoE RJ45 Port 1*100/1000Mbps Ethernet Port
Power Supply	AC IN 100-240V	AC IN 100-240V	AC IN 100-240V	AC IN 100-240V
Data In/Out	1*10/100Mbps Data In	1*10/1000Mbps Data In	1*10/100Mbps Data In	1*10/1000Mbps Data In
Power In/Out Port	1*802.3af/at PoE Out	1*802.3af/at PoE Out	1*24V Passive PoE Out	1*24V Passive PoE Out
PoE Consumption	30W	30W	24W	24W
Working Temperature	-10°C~55°C	-10°C~55°C	-10°C~55°C	−10°C~55°C



PoE Injector/PoE Splitter



Model	WI-POE55-48V-60W	WI-POE58-BT(V2)	WI-POE58-BT-I-DC	WI-POE55S-BT-I-DC	WI-POE11S-48V
Interface	1*100/1000Mbps PoE RJ45 Port 1*100/1000Mbps Ethernet Port	1*100/1000/2500 Mbps PoE RJ45 Port 1*100/1000/2500 Mbps Ethernet Port	1*100/1000Mbps PoE RJ45 Port 1*100/1000Mbps Ethernet Port	1*100/1000Mbps PoE RJ45 Port 1*100/1000Mbps Ethernet Port	1*10/100Mbps PoE RJ45 Port 1*10/100Mbps Ethernet Port
Power Supply	AC IN 100-240V	AC IN 100-240V	DC IN 12-57V	48-55V PoE IN	48V PoE IN
Data In/Out	1*100/1000Mbps Data In	1*100/1000/2500 Mbps Data In	1*100/1000Mbps Data In	1*100/1000Mbps Data Out	1*10/1000Mbps Data Out
Power In/Out Port	1*802.3 af/at/bt 60W PoE Out	1*802.3 af/at/bt 90W PoE Out	1*802.3 af/at/bt 90W PoE Out	12V/16V/24V/48V DC Out	12V DC Out
Working Temperature	-10°C~55°C	−10°C~55°C	-40°C~75°C	–40°C~75°C	-10°C~55°C



Wi-Tek PoE Extender can extend both the Ethernet Data and power over Ethernet transmission distance over 100m. Wi-Tek PoE Extender extends an PoE+/PoE++ network connection an additional 100m with 100Mbps from the PoE power source equipment. DIP switch provides Extend mode(250m Long range), and VLAN mode. No configuration is needed, quick provision and more flexible project adaptation.

Model	WI-PE31E	WI-PE31G	WI-PE51E	WI-PE51G
Interface	PoE input port: 1*100Mbps PoE port with 802.3af/at 30W PoE output port: 2*100Mbps PoE port with 802.3af/at 30W	PoE input port: 1*1000Mbps PoE port with 802.3af/at 30W PoE output port: 2*1000Mbps PoE port with 802.3af/at 30W	PoE input port: 1*100Mbps PoE port with 802.3bt 60W PoE output port: 4*100Mbps PoE port with 802.3af/at 30W 1*100Mbps PoE port	PoE input port: 1*1000Mbps PoE port with 802.3bt 90W PoE output port: 4*1000Mbps PoE port with 802.3af/at 30W















Technical Support Cloud Management Company Website

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

Follow us on Social Media











YouTube

Linkedin

Face book

Instagram

Twitter

©2024 Wireless-tek Technology Limited. All Rights Reserved. Version, V1.0, updated 2024.06.01.

The information in this document is subject to change without notice.

Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.