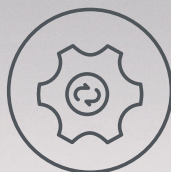


2020 IP-COM Product Catalogue

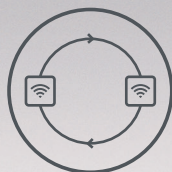


Cable-Free Series EW12+EP12

Cable-free Enterprise Network Solution



Mesh



Seamless Roaming



App Management



Captive Portal



CONTENT

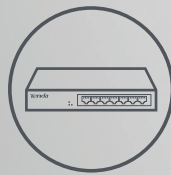
01 Cable-Free Series	01
02 Access Controller Series	02
03 Access Point Series	03-06
04 PtP&P2MP Product Series	07-10
05 Switch Series	11-23
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Cable-Free Series	AC1200 Mesh Networking		AC2600 / AC3000 Mesh Networking		
Photo	 	 	 	 	
Model	EW9		EP9	EW12	EW15
Interface	1*Gigabit WAN Port 1*Gigabit WAN/LAN Port 2*Gigabit LAN Ports		/	1*Gigabit WAN/LAN Port 1*Gigabit LAN Ports	3*Gigabit WAN/LAN Port 1*Gigabit LAN Ports
Frequency Band	2.4GHz+5GHz		2.4GHz+5GHz	2.4GHz+5GHz+5GHz	2.4GHz+5GHz+5GHz
Wireless Data Rate	300Mbps+867Mbps		300Mbps+867Mbps	400Mbps+867Mbps+1300Mbps	400Mbps+867Mbps+1733Mbps
802.11ac Wave2	√		√	√	√
Transmission Power	23dBm		23dBm	24.5dBm	24.5dBm
Antenna	4*4dBi Internal Omni		4*4dBi Internal Omni	5*4dBi Internal Omni	8*4dBi Internal Omni
Networking Technology	Mesh		Mesh	Mesh	Mesh
Beamforming	√		√	√	√
QoS	√		√	√	√
802.11r	√		√	802.11k/802.11v/802.11r	802.11k/802.11v/802.11r
App Management	√		√	√	√
Routing Mode and Bridge Mode	√		√	√	√
Authentication	WEB One-key Authentication, WEB Account Password Authentication, SMS Authentication, E-mail Authentication				
Mesh Nodes	Recommended Value: 4 or Less Maximum: 9		Recommended Value: 5 or Less Maximum: 18		
Dimension	170*170*36mm		170*170*36mm	170*170*36mm	170*240*82mm
Power Supply	External Switching Power Supply		External Switching Power Supply	External Switching Power Supply, POE	External Switching Power Supply, POE
Mounting	Wall-mounted, Ceiling, Pole, Desktop		Wall-mounted, Ceiling, Pole, Desktop	Wall-mounted, Ceiling, Pole, Desktop	Wall-mounted, Desktop
Product Certification	CCC\FCC\CE\RoHs		CCC\FCC\CE\RoHs	CCC\FCC\CE\RoHs	CCC\FCC\CE\RoHs

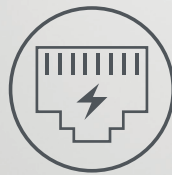
AC Series	Controller		
Photo	 Hot	 Hot	
Model	AC1000	AC3000-32	AC3000-64
Dimension	210*130*30mm	430*300*44mm	430*300*44mm
Interface	5*10/100/1000Mbps LAN	4*10/100/1000Mbps WAN/LAN 2*USB,1*VGA,1*Console	4*10/100/1000Mbps WAN/LAN 2*USB,1*VGA,1*Console
Management Scale	128	512	1024
VLAN Group	24	4094	4094
RAM Memory	128MB	4GB	8GB
Hard Driver	/	16GB SSD	16GB SSD
AP Auto Configuration	√	√	√
AP Condition Monitoring	√	√	√
Automatic Channel Adaption	√	√	√
L2 Romaing	√	√	√
Fast Roaming	/	√	√
Mutiple WAN	/	√	√
NAT	/	√	√
AP and Floor Map	/	√	√
Traffic Analysis	/	√	√
Channel Analysis	/	√	√
Authentication Page	/	√	√
Authentication	/	√	√
Alarm	Mail	Mail; SNMP Trap	Mail; SNMP Trap

AP Series W63AP+AP255

Efficient Coverage, Dual-band Preferred



Centralized Management



Standard PoE Power



High Speed



Plug and Play

AP Series	In-Wall AP	
Photo	 	 
Model	AP255	W36AP
Dimension	86*86*35mm	86*86*35mm
Frequency Band	2.4GHz	2.4GHz+5GHz
Standard	802.11b/g/n	802.11a/b/g/n/ac
802.11ac Wave2	/	√
Wireless Data Rate	300Mbps	300Mbps+867Mbps
Maximum Transmission Power	18dBm	2.4GHz : 18dBm 5GHz: 15dBm
Interface	2*FE LAN	2*GE LAN
Power Supply	802.3af/at	802.3af/at
PoE Passthrough	/	/
Maximum User Capacity	15	50
Broadcast SSID	2	2.4GHz 8 + 5GHz 4
VLAN Tagging for SSID	√	√
Wireless Security	64/128 WEP, WPA-PSK, WPA2-PSK, WPA, WPA2	64/128 WEP, WPA-PSK, WPA2-PSK, WPA, WPA2
Wireless Access Control	√	√
Transmit Power	Adjustable Power by 1dBm	Adjustable Power by 1dBm
AP Isolation	√	√
LED ON/OFF Control	√	√
Schedule Reboot	√	√
Software Upgrade	√	√
AP Controller Management	AC1000/AC3000Series	AC1000/AC3000Series
Application Scenario	Hotel Room, Villa	Hotel Room, Villa

AP Series	Ceiling AP			
Photo				
Model	AP325	W63AP	W64AP	W66AP
Dimension	184*184*40mm	178*178*38mm	178*178*38mm	178*178*38mm
802.11ac Wave2	/	√	√	
Frequency Band	2.4GHz	2.4GHz+5GHz	2.4GHz+5GHz	2.4GHz+5GHz
Simultaneous Dual-band	/	√	√	√
Wireless Data Rate	2.4GHz: 300Mbps	2.4GHz: 300Mbps 5GHz: 867Mbps	2.4GHz: 450Mbps 5GHz: 867Mbps	2.4GHz: 450Mbps 5GHz: 1300Mbps
Concurrent Client	128	256	256	256
Recommended of Users	20	50	55	60
MAX TX Power	2.4GHz: 23dBm	2.4GHz: 26dBm 5GHz: 26dBm	2.4GHz : 28dBm 5GHz: 29dBm	2.4GHz: 28dBm 5GHz: 28dBm
Antenna	2*4dBi	4*4dBi	5*4dBi	6*4dBi
2.4GHz MIMO	2*2	2*2	3*3	3*3
5GHz MIMO	/	2*2 MU-MIMO	2*2 MU-MIMO	3*3 MU-MIMO
Interface	1*FE 1*DC	1*GE 1*DC	1*GE 1*DC	1*GE 1*DC
Power Supply	802.3af PoE/DC	802.3af PoE/DC	802.3at PoE/DC	802.3at PoE/DC
Power Consumption	11W	12W	17W	17W
Standard	IEEE 802.11b/g/n	IEEE 802.11a/b/g/n/ac	IEEE 802.11a/b/g/n/ac	IEEE 802.11a/b/g/n/ac
AP Type	Fit / Fat	Fit / Fat	Fit / Fat	Fit / Fat
Security	64/128 WEP, WPA-PSK, WPA, WPA2, MAC Address Filtering			
Multiple SSID	4	12	12	12

AP Series	Ceiling AP	
Photo		
Model	iUAP-AC-LITE	iUAP-AC-LR
Dimension	176*43.5mm	176*43.5mm
802.11ac Wave2	√	√
Frequency Band	2.4GHz+5GHz	2.4GHz+5GHz
Simultaneous Dual-band	√	√
Wireless Data Rate	2.4GHz : 300Mbps 5GHz: 867Mbps	2.4GHz : 450Mbps 5GHz: 867Mbps
Concurrent Client	256	256
Recommended of Users	50	58
MAX TX Power	2.4GHz : 26dBm 5GHz: 26dBm	2.4GHz : 28dBm 5GHz: 26dBm
Antenna	2*4dBi	3*4dBi
2.4GHz MIMO	2*2	3*3
5GHz MIMO	2*2 MU-MIMO	2*2 MU-MIMO
Interface	/	/
Power Supply	802.3af/t PoE & 24V PoE	802.3af/t PoE & 24V PoE
Power Consumption	11.5W	12W
Standard	IEEE 802.11a/b/g/n/ac	IEEE 802.11a/b/g/n/ac
AP Type	Fit / Fat	Fit / Fat
Security	64/128 WEP, WPA-PSK, WPA, WPA2, MAC Address Filtering	
Multiple SSID	12	12

AP Series	Outdoor Coverage AP(NEW)
Photo	
Model	iUAP-AC-M
Dimension	194.7* 83* 42.1 mm
Frequency Band	2.4GHz+5GHz
Standard	802.11b/g/n/ac
802.11ac Wave2	√
Wireless Data Rate	2.4GHz : 300Mbps 5GHz: 867Mbps
Interface	1*GE LAN
Antenna	2*5dBi, RP-SMA Connector
MAX TX Power	2.4GHz : 26dBm 5GHz: 26dBm
Power Supply	802.3af/t PoE & 24V PoE
Dustproof and Waterproof	IP65
Lightning Protection	6KV
Concurrent Client	256
Optimal Quantity of Users	55
VLAN Tagging For SSID	√
Wireless Security	64/128 WEP, WPA-PSK, WPA2-PSK, WPA, WPA2
Wireless Access Control	√
Transmit Power	Adjustable Power by 1dBm
AP Type	Fit / Fat
Software Upgrade	√
AP Controller Management	√

P2P&P2MP Product Series

Cable-free CCTV Network Solution



PtP&P2MP Series	2.4GHz Outdoor CPE		5GHz Outdoor CPE
Photo	 Hot		 Hot
Model	CPE3	CPE9	CPE6
Dimension	193.5*80*67.5mm	270*94.86*67.5mm	193.5*80*67.5mm
Application	CCTV Surveillance, WISP CPE	CCTV Surveillance, WISP CPE	CCTV Surveillance, WISP
Frequency Band	2.4GHz	2.4GHz	5GHz
Wireless Data Rate	300Mbps	150Mbps	300Mbps
Maximum Transmission Power	100mW(20dBm)	800mW(29dBm)	200mW(23dBm)
Maximum Transmission Range	500m	5km	2km
Standard	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11a/n
Interface	1*FE PoE/LAN Port	1*FE PoE/WAN/LAN Port 1*FE LAN Port	1*FE PoE/LAN Port
Antenna	8dbi Directional Antenna	12dbi Directional Antenna	12dbi Directional Antenna
Antenna Beamwidth	Horizontal: 60° Vertical: 60° Elevation: 60°	Horizontal: 60° Elevation: 30°	Horizontal: 30° Vertical: 30° Elevation: 30°
Maximum Power Consumption	2.8W	4.3W	6.3W
Lightning Protection	/	6kV	6kV
Weatherproof	IP65	IP64	IP65
Power Supply	9V 0.6A PoE Injector	12V 1A PoE Injector	12V 1A PoE Injector
Operating Mode	AP/Station/WISP	AP/Station/Universal Repeater/WISP/Router /P2MP/Repeater	AP/Station/Universal Repeater/WISP/Router /P2MP/Repeater
Transmission Power	Adjustable Power by 1dBm	Adjustable Power by 1dBm	Adjustable Power by 1dBm
TDMA	/	/	√
Operating Environment	Temperature: -30°C~55°C, Humidity: 10%~90% Non-condensing	Temperature: -30°C~60°C, Humidity: 10%~90% Non-condensing	Temperature: -30°C~60°C, Humidity: 10%~90% Non-condensing
Storage Environment	Temperature: -40°C~70°C, Humidity: 10%~90% Non-condensing	Temperature: -40°C~70°C, Humidity: 10%~90% Non-condensing	Temperature: -40°C~70°C, Humidity: 10%~90% Non-condensing
Certification	FCC/CE/RoHS	FCC/CE/RoHS	FCC/CE/RoHS

P2P&P2MP Series	5GHz Outdoor CPE			5GHz Basestation
Photo				
Model	CPE12	iLitebeam M5	iLitebeam 5AC	BS6
Dimension	270*94.86*67.5mm	391.5*280*223mm	391.5*280*223mm	190*84*37mm
Application	CCTV Surveillance, WISP CPE	CCTV Surveillance, WISP CPE	CCTV Surveillance, WISP CPE	CCTV Surveillance, WISP CPE
Frequency Band	5GHz	5GHz	5GHz	5GHz
Wireless Data Rate	300Mbps	433Mbps	867Mbps	300Mbps
Maximum Transmission Power	400mW(26dBm)	320mW(25dBm)	400mW(26dBm)	400mW(26dBm)
Maximum Transmission Range	5km	20km	25km	/
Standard	IEEE 802.11a/n	IEEE 802.11a/n/ac	IEEE 802.11a/n/ac	IEEE 802.11a/n
Interface	1*FE PoE/LAN Port	1*FE PoE/LAN port	1*GE PoE/WAN/LAN Port	1*FE PoE/LAN Port
Antenna	14dbi Directional Antenna	23dbi Directional Antenna	23dbi Directional Antenna	2*RP-SMA
Antenna Beamwidth	Horizontal: 30° Vertical: 30° Elevation: 30°	Horizontal: 10° Vertical: 10° Elevation 10°	Horizontal: 10°Vertical:10° Elevation: 10°	/
Maximum Power Consumption	8.5W	4.7W	7.5W	8.5W
Lightning Protection	6kV	6kV	6kV	6kV
Weatherproof	IP65	IP65	IP65	IP65
Power Supply	24V 0.5A PoE Adapter	12V 1A PoE Injector	24V 0.5A PoE Adapter	24V 0.5A PoE Adapter
Operating Mode	AP/Station/Universal Repeater/WISP/Router/P2MP/Repeater	AP/Station/Universal Repeater/WISP/Router	AP/Station/Universal Repeater/WISP/Router	AP/Station/Universal Repeater/WISP/Router/P2MP/Repeater
Transmission Power	Adjustable Power by 1dBm	Adjustable power by 1dBm	Adjustable Power by 1dBm	Adjustable Power by 1dBm
TDMA	√	Support	/	√
Operating Environment	Temperature: -30°C~ 60°C, Humidity: 10%~90% Non-condensing	-30°C ~ 60°C, 10%~90% non-condensing	Temperature: -30 C ~ 60 C , Humidity: 10%~90% Non-condensing	Temperature: -30°C~60°C, Humidity: 10%~90% Non-condensing
Storage Environment	Temperature: -40°C~70°C, Humidity: 10%~90% Non-condensing	-40°C ~ 70°C, 10%~90% non-condensing	Temperature: -40 C ~ 70 C , Humidity: 10%~90% Non-condensing	Temperature: -40°C~70°C, Humidity: 10%~90% Non-condensing
Certification	FCC/CE/RoHS	FCC/CE/RoHS	FCC/CE/RoHS	FCC/CE/RoHS

P2P&P2MP Product Series	Dual Polarization Antenna			
Photo				
Model	ANT12-5G360	ANT16-5G120	ANT19-5G120	ANT30-5G
Frequency Band	5150-5850MHz	5150-5850MHz	5150-5850MHz	4900-6500MHz
Gain	11-12dBi	15~16dBi	18~19dBi	30dBi
Polarization	Vertical & Horizontal	Vertical & Horizontal	Vertical & Horizontal	Vertical & Horizontal
Horizontal Beamwidth (6dB)	360°	120°	120°	6°
Vertical Beamwidth (6dB)	360°	120°	120°	6°
Elevation Beamwidth	6°	7°	4°	5°
Electrical Downtilt	0°	0°	0°	0°
Front-to-Back Ratio	/	>25dB	>25dB	>20dB
Isolation	>20dB	>25dB	>30dB	>30dB
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power Per Port	20W	20W	20W	100W
Impedance	50Ω	50Ω	50Ω	50Ω
Dimension	Φ70*870mm	Φ388*150*20mm	Φ740*150*20mm	Φ650*380mm
Mounting	Pole (D30-70mm)	Pole (D30-70mm)	Pole (D30-70mm)	Pole (D30-70mm)
Mechanical Tilt Capability	/	0~7°	0~4°	0~15°
Connector Type	2*RP-SMA	2*RP-SMA	2*RP-SMA	2*N-Type
Operating Temperature	-55°C~70°C	-40°C~70°C	-40°C~70°C	-40°C~70°C
Operating Humidity	10%~95% Non-condensing	10%~95% Non-condensing	10%~95% Non-condensing	10%~95% Non-condensing
Survival Wind	≤200km/hr	≤200km/hr	≤200km/hr	≤200km/hr

Switch Series G5328P-24-410W+G5328F+G5310P-8-150W+G5312F

L3 Managed Switch with Cloud Management



800MHz
CPU



L3
Routing



Secure
Networking



IMS Cloud
Maintenance



Visual
Map



12 MB
Large Buffer

Switch Series	10/100M Unmanaged PoE Switch	
Photo		
Model	F1106P-4-63W	F1109P-8-102W
Description	6-Port 10/100M Unmanged Switch With 4-Port PoE	9-Port Fast Unmanaged Switch With 8-Port PoE
Standard	IEEE 802.3/802.3u/802.3x, IEEE 802.3af/at	IEEE 802.3/802.3u/802.3x, IEEE 802.3af/at
Switching Capacity	1.2Gbps	1.8Gbps
Packet Forwarding Rate	0.89Mpps	1.34Mpps
Interface	4*FE Ports(Data/PoE) 2*FE Ports(Data)	8*FE Ports(Data/PoE) 1*FE Ports(Data)
6kV Lightning Protection	6KV for uplink port	6KV for uplink port
LED Indicator	Link/Act, Power	Link/Act, Power
PoE Supply	Port 1~4 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 58W	Port 1~8 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 92W
Power Consumption	In Full Configuration: <63W	In Full Configuration: <102W
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Power Output	DC: 51V 1.25A	DC: 51V 2A
MAC Table Size	1K	2K
Dimension	100*100*26mm	177.5*104*26mm
Port VLAN	/	1~8 Ports
250m Distance Transmission (10Mbps)	√	√

Switch Series	100M+Gigabit Unmanaged PoE Switch		
Photo	 		 
Model	F1109TP-8-102W	F1110P-8-102W	F1118P-16-150W
Description	8FE+1GE Unmanged Switch With 8-Port PoE	8-Port 10/100Mbps + 2 Gigabit Desktop Switch with 8-Port PoE	16FE+2GE/1SFP Unmanaged Switch With 16-Port PoE
Standard	IEEE 802.3/IEEE 802.3u/IEEE 802.3ab/IEEE 802.3x/IEEE 802.3af/at	IEEE 802.3/802.3u/802.3ab/802.3x/IEEE 802.3af/at	IEEE 802.3/ 802.3u/802.3x/802.3ab/IEEE 802.3af/at
Switching Capacity	3.6Gbps	5.6Gbps	7.2Gbps
Packet Forwarding Rate	2.68Mpps	4.17Mpps	5.36Mpps
Interface	8*FE Ports(Data/PoE) 1*GE Ports(Data)	8*FE Ports(Data/PoE) 2*GE Ports(Data)	16*FE Ports(Data/PoE) 2*GE Ports(Data), 1*SFP Port(Combo)
6kV Lightning Protection	6KV for uplink port	√	√
LED Indicator	Link/Act, Power	Link/Act, PoE Status, Power, 1000M	Link/Act, PoE MAX, Power, G1, G2/SFP2
PoE Supply	Port 1~8 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 92W	Port 1~8 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 99W	Port 1~16 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 130W
Power Consumption	In Full Configuration: <102W	In Full Configuration: <102W	In Full Configuration: <150W
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Power Output	DC: 51V 2A	DC: 51V 2A	DC: 53.5V 2.8A
MAC Table Size	2K	16K	4K
Dimension	177.5*104*26mm	177.5*104*26mm	294*178.8*44mm
Port VLAN	1~8 Ports	1~8 Port	1~16 Port
250m Distance Transmission (10Mbps)	√	√	√

Switch Series	100M+Gigabit Unmanaged PoE Switch		
Photo			
Model	F1118P-16-250W	F1126P-24-250W	F1126P-24-410W
Description	16FE+2GE/1SFP Unmanaged Switch With 16-Port PoE	24FE+2GE/1SFP Unmanaged Switch With 24-Port PoE	24FE+2GE/1SFP Unmanaged Switch With 24-Port PoE
Standard	IEEE 802.3/802.3u/802.3x/802.3ab/IEEE 802.3af/at	IEEE 802.3/802.3u/802.3x/802.3ab/IEEE 802.3af/at	IEEE 802.3/802.3u/802.3x/802.3ab/IEEE 802.3af/at
Switching Capacity	7.2Gbps	8.8Gbps	8.8Gbps
Packet Forwarding Rate	5.36Mpps	6.55Mpps	6.55Mpps
Interface	16*FE Ports(Data/PoE) 2*GE Ports(Data), 1*SFP Port(Combo)	24*FE Ports(Data/PoE) 2*GE Ports(Data), 1*SFP Port(Combo)	24*FE Ports(Data/PoE) 2*GE Ports(Data), 1*SFP Port(Combo)
6kV Lightning Protection	√	√	√
LED Indicator	Link/Act, PoE MAX, Power, G1, G2/SFP2	Link/Act, PoE MAX, Power, G1, G2/SFP2	Link/Act, PoE MAX, Power, G1, G2/SFP2
PoE Supply	Port 1~16 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 230W	Port 1~24 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 230W	Port 1~24 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 370W
Power Consumption	In Full Configuration: <250W	In Full Configuration: <250W	In Full Configuration: <410W
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Power Output	DC: 53.5V 4.6A	DC: 53.5V 4.6A	DC: 53.5V 7.7A
MAC Table Size	4K	16K	16K
Dimension	440*178.8*44mm	440*178.8*44mm	440*284*44mm
Port VLAN	1~16 Port	1~24 Port	1~24 Port
250m Distance Transmission (10Mbps)	√	√	√

Switch Series	10/100M+Gigabit Web Smart PoE Switch	
Photo		
Model	F1218P-16-250W	F1226P-24-410W
Description	16FE+2GE/1SFP Managed Switch With 16-Port PoE	24FE+2GE/1SFP Managed Switch With 24-Port PoE
Standard	IEEE 802.3/IEEE 802.3u/IEEE 802.3z/IEEE 802.3ab/ IEEE 802.3x/IEEE 802.1p/ 802.1q/ 802.1d/ 802.1w/IEEE 802.3af/at	IEEE 802.3/IEEE 802.3u/IEEE 802.3z/IEEE 802.3ab/ IEEE 802.3x/IEEE 802.1p/ 802.1q/ 802.1d/ 802.1w/IEEE 802.3af/ata
Switching Capacity	7.2Gbps	8.8Gbps
Packet Forwarding Rate	5.36Mpps	6.55Mpps
Interface	16*FE Ports(Data/PoE) 2*GE Ports(Data), 1*SFP Port(Combo)	24*FE Ports(Data/PoE) 2*GE Ports(Data), 1*SFP Port(Combo)
6kV Lightning Protection	√	√
LED Indicator	Link/Act, PoE MAX, Power, SYS, G1, G2/SFP2	Link/Act, PoE MAX, Power, SYS, G1, G2/SFP2
PoE Supply	Port 1~16 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 230W	Port 1~24 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 370W
Power Consumption	In Full Configuration: <250W	In Full Configuration: <410W
Power Input	AC: 100 – 240V ~ 50/60Hz	AC: 100 – 240V ~ 50/60Hz
Power Output	DC: 53.5V 4.6A	DC: 53.5V 7.7A
MAC Table Size	4K	16K
Dimension	440*178.8*44mm	440*284*44mm
Port VLAN	√	√
250m Distance Transmission (10Mbps)	√	√

Switch Series	Gigabit Unmanaged PoE Switch			
Photo				
Model	G1105PD	G1105P-4-63W	G1109P-8-102W	G1116P-16-150W
Description	5-Port Gigabit PD Switch with 4-Port PoE	5-Port Gigabit Desktop Switch with 4-Port PoE	9-Port Gigabit Desktop Switch with 8-Port PoE	16-Port Gigabit Desktop/Rackmount Switch with 16-Port PoE
Standard	IEEE 802.3/ 802.3u/802.3x/802.3ab IEEE 802.3af/at	IEEE 802.3/802.3u/802.3x/802.3ab IEEE 802.3af/at	IEEE 802.3/802.3u/802.3x/802.3ab IEEE 802.3af/at	IEEE 802.3/802.3u/802.3x/802.3ab IEEE 802.3af/at
Switching Capacity	10Gbps	10Gbps	18Gbps	32Gbps
Packet Forwarding Rate	7.44Mpps	7.44Mpps	13.39Mpps	23.6Mpps
Interface	4*GE Ports(Data/PoE) 1*GE Port(Data/PD)	4*GE Ports(Data/PoE) 1*GE Port(Data)	8*GE Ports(Data/PoE) 1*GE Port(Data)	16*GE Ports(Data/PoE)
6kV Lightning Protection	√	√	√	√
LED Indicator	Link/Act, PoE Status, PD Status	Link/Act, PoE Status, Power	Link/Act, PoE Status, Power	Link/Act, PoE Status, Power
PoE Supply	Port 1~4 Support PoE Maximum Power for Each Port is 15.4W Port 5 Support PD Maximum Power is 30W	Port 1~4 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 58W	Port 1~8 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 92W	Port 1~16 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 135W
Power Consumption	In Full Configuration: <30W	In Full Configuration: <63W	In Full Configuration: <102W	In Full Configuration: <150W
Power Input	/	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Power Output	/	DC: 51V 1.25A	DC: 51V 2A	DC: 53.5V 2.8A
MAC Table Size	2K	2K	4K	8K
Dimension	100*100*26mm	100*100*26mm	177.5*104*26mm	294*178*44mm
Port VLAN	/	1~4 Port	1~8 Port	1~14 Port
250m Distance Transmission (10Mbps)	√	/	/	/

Switch Series	Gigabit Unmanaged PoE Switch	Gigabit Managed PoE Switch	
Photo			
Model	G1124P-24-250W	G5310P-8-150W	G5328P-24-410W
Description	24-Port Gigabit Rackmount Switch with 24-Port PoE	L3 Managed PoE Switch	L3 Managed PoE Switch
Standard	IEEE 802.3/802.3u/802.3x/802.3ab/IEEE 802.3af/at	IEEE 802.3/IEEE 802.3u/IEEE 802.3z/IEEE 802.3ab/IEEE 802.3x/IEEE 802.1p/ 802.1q/ 802.1d/ 802.1w/802.1s/IEEE 802.3af/at	IEEE 802.3/IEEE 802.3u/IEEE 802.3z/IEEE 802.3ab/IEEE 802.3x/IEEE 802.1p/ 802.1q/ 802.1d/ 802.1w/802.1s/IEEE 802.3af/at
Switching Capacity	48Gbps	20Gbps	56Gbps
Packet Forwarding Rate	35.4Mpps	14.88Mpps	41.66Mpps
Interface	24*GE Ports(Data/PoE)	8*GE Ports(Data/PoE) 1*GE Port(Data) 1*SFP Port(Data)	24*GE Ports(Data/PoE) 4*SFP Port(Data)
6kV Lightning Protection	√	√	√
LED Indicator	Link/Act, PoE Status, Power	Link/Act, PoE, PoE MAX, Power, SYS	Link/Act, PoE, PoE MAX, Power, SYS
PoE Supply	Port 1~24 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 225W	Port 1~8 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 370W	Port 1~24 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 370W
Power Consumption	In Full Configuration: <250W	In Full Configuration: <150W	In Full Configuration: <410W
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Power Output	DC: 53.5V 4.6A	DC: 53.5V 2.8A	DC: 53.5V 7.7A
MAC Table Size	8K	16K	16K
Dimension	440*178*44mm	294*179.6*44mm	440*284*44mm
Port VLAN	1~22 Port	√	√
250m Distance Transmission (10Mbps)	/	/	/

Switch Series	Business 10/100M Ethernet Switch			
Photo				
Model	F1005	F1109D	F1016	F1024
Housing Material	Metal	Metal	Metal	Metal
Standard	IEEE 802.3/u/x	IEEE 802.3/u/x	IEEE 802.3/u/x	IEEE 802.3/u/x
Interface	5*FE	9*FE	16*FE	24*FE
LED Indicator	Link/Act, Power	Link/Act, Power	Link/Act, Power	Link/Act, Power
Transfer Mode	Store-and-Forward	Store-and-Forward	Store-and-Forward	Store-and-Forward
Switching Capacity	1Gbps	1.8Gbps	3.2Gbps	4.8Gbps
Packet Forwarding Rate	10Mbps: 14880pps 100Mbps: 148800pps	10Mbps: 14880pps 100Mbps: 148800pps	10Mbps: 14880pps 100Mbps: 148800pps	10Mbps: 14880pps 100Mbps: 148800pps
MAC Table Size	1K	2K	4K	8K
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Lighting Protection for Power Supply	/	/	6kV	6kV
Lighting Protection for Port	/	6kV for Uplink Ports	/	/
Dimension	100*64*25mm	140*66.5*25.3mm	440*178*44mm	440 * 178 *44mm

Switch Series	Business 100M+Gigabit Uplink Ethernet Switch	
Photo		
Model	F1109DT	F1026F
Housing Material	Metal	Metal
Standard	IEEE 802.3/u/x/ab	IEEE 802.3/u/x/ab
Interface	8*FE+1*GE	24*FE+2*GE/2*SFP
LED Indicator	Link/Act, Power	Link/Act, Power, Mode
Transfer Mode	Store-and-Forward	Store-and-Forward
Switching Capacity	3.6Gbps	8.8Gbps
Packet Forwarding Rate	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps
MAC Table Size	2K	16K
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Lighting Protection for Power Supply	/	6kV
Lighting Protection for Port	6kV for Uplink Port	6kV for Uplink Ports
Dimension	140*66.5*25.3mm	440*178*44mm

Switch Series	Business Gigabit Ethernet Switch			
Photo				
Model	G1005	G1008	G1016D	G1016G
Housing Material	Metal	Metal	Metal	Metal
Standard	IEEE 802.3/u/x/ab	IEEE 802.3/u/x/ab	IEEE 802.3/u/x/ab	IEEE 802.3/u/x/ab
Interface	5*GE	8*GE	16*GE	16*GE
LED Indicator	Link/Act, Power	Link/Act, Power	Link/Act, Power	Link/Act, Power
Transfer Mode	Store-and-Forward	Store-and-Forward	Store-and-Forward	Store-and-Forward
Switching Capacity	10Gbps	16Gbps	32Gbps	32Gbps
Packet Forwarding Rate	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps
MAC Table Size	2K	4K	8K	8K
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Lighting Protection for Power Supply	6kV	6kV	6kV	6kV
Lighting Protection for Port	6kV	4kV	6kV	6kV
Dimension	100*64*25mm	187*107*33 mm	294*178*44mm	440*178*44mm

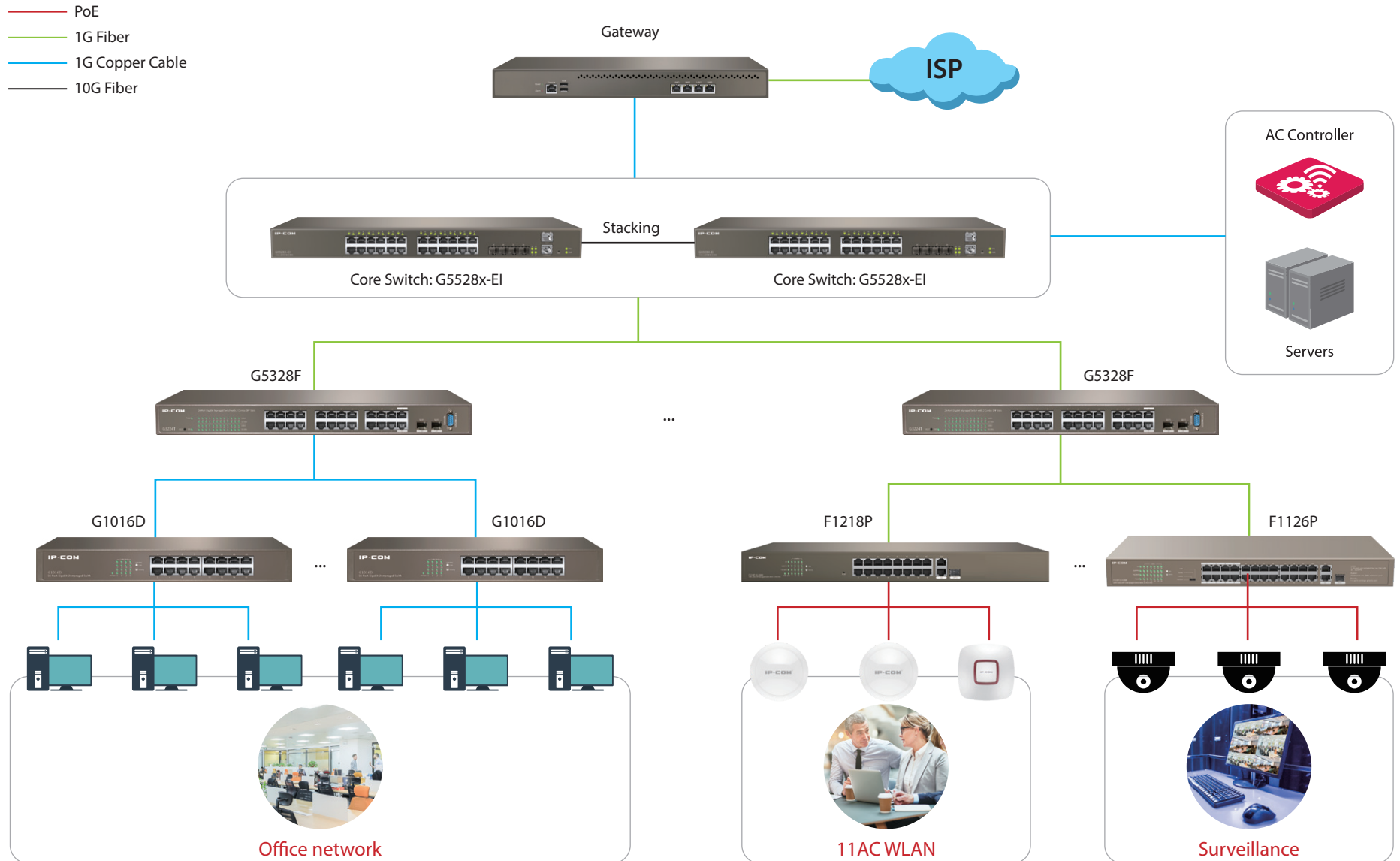
Switch Series	Business Gigabit Ethernet Switch		
Photo			
Model	G1024D	G1024G	G1024F
Housing Material	Metal	Metal	Metal
Standard	IEEE 802.3/u/x/ab	IEEE 802.3/u/x/ab	IEEE 802.3/u/x/ab
Interface	24*GE	24*GE	24*GE+2*SFP(Combo)
LED Indicator	Link/Act, Power	Link/Act, Power	Link/Act, Power, Mode
Transfer Mode	Store-and-Forward	Store-and-Forward	Store-and-Forward
Switching Capacity	48Gbps	48Gbps	48Gbps
Packet Forwarding Rate	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps: 1488000pps
MAC Table Size	8K	8K	8K
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Lighting Protection for Power Supply	6kV	6kV	6kV
Lighting Protection for Port	6kV	6kV	6kV
Dimension	294*178*44mm	440*178*44mm	440*178*44mm

Switch Series	Gigabit Managed Ethernet Switch	
Photo		
Model	G3328F	G5312F
Description	L2 Managed Switch	L3 Managed Switch
Power Consumption	24W	N/A
MTBF	50000Hours	50000Hours
Total Non-Blocking Throughput	56Gbps	24Gbps
Interface	24*GE 4*SFP	10*GE 2*SFP
Dismension	440*178*44mm	294*179.6*44mm
MAC Table Size	16K	16K
Power Input	AC: 100-240V 50/60HZ	AC: 100-240V 50/60HZ
Packet Forwarding Rate	41.7Mbps	17.86Mbps
6kV lightning Protection	√	√
Maintenance and Management	Configuration Via CLI, Telnet, and Console Port SNMPv1/v2/v3 Web-based GUI Management Support System log Ping, Tracert	Configuration Via CLI, Telnet, and Console Port SNMPv1/v2/v3 Web-based GUI Management Support System log Ping, Tracert Support IPv4 static routing, DHCP server
QoS	Supports Port/Flow-based Rate Limiting Packet re-direction Committed Access Rate (CAR) Supports 8 priority queues Supports Queue scheduling: SP, WRR Supports 802.1p CoS/DSCP priority	Supports Port/Flow-based Rate Limiting Packet re-direction Committed Access Rate (CAR) Supports 8 priority queues Supports Queue scheduling: SP, WRR Supports 802.1p CoS/DSCP priority
Operating Environment	Operating Temperature: 0°C~45°C Storage Temperature: -40°C~70°C Operating Humidity: 10%-90% non-condensing Storage Humidity: 5%~90% non-condensing	Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%-90% non-condensing Storage Humidity: 5%~90% non-condensing

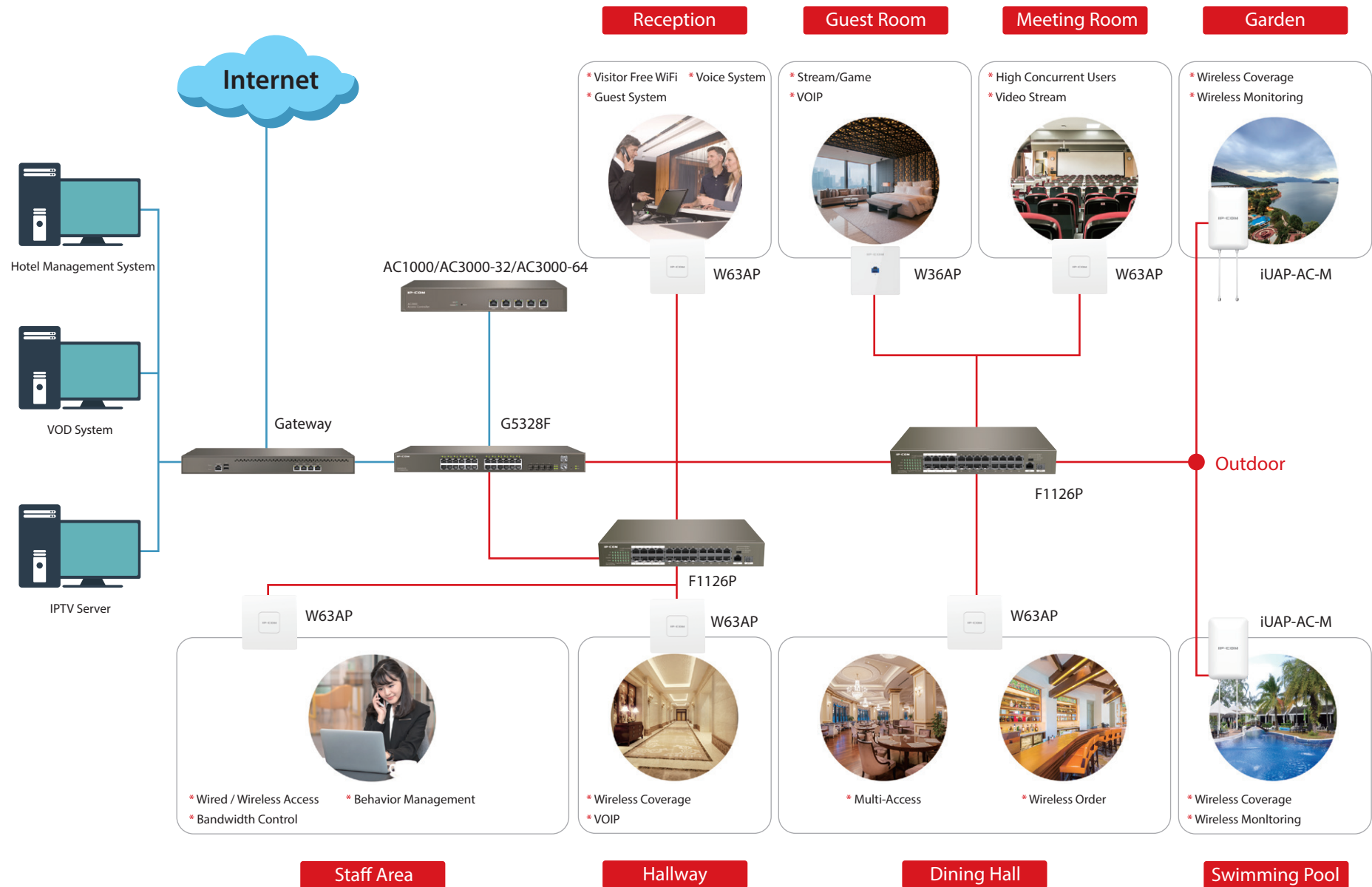
Switch Series	Gigabit Managed Ethernet Switch	
Photo	 	 
Model	G5328F	G5528X-EI
Description	L3 Managed Switch	L3 Managed Switch
Power Consumption	24W	21W
MTBF	50000Hours	50000Hours
Total Non-Blocking Throughput	56Gbps	128Gbps
Interface	24*GE 4*SFP	24*GE 4*10G SFP+
Dimension	440*178*44mm	440*284*44 mm
MAC Table Size	16K	16K
Power Input	AC: 100-240V 50/60HZ	AC: 100-240V 50/60HZ
Packet Forwarding Rate	41.7Mbps	95.2Mbps
6kV lightning Protection	√	√
Maintenance and Management	Configuration Via CLI, Telnet, and Console Port SNMPv1/v2/v3 Web-based GUI Management Support System log Ping, Tracert Support IPv4 static routing, DHCP server	Support TFTP Loading Upgrade; Support Command Line Interface, Telnet, Console Port Configuration; Support SNMPv1/v2/v3, WEB Gateway; Support System Logs, Grading Alarms; Support SNTP; Support OAM; Support CFM Support IPv4 static routing, DHCP server Support RIP, OSPF
QoS	Supports Port/Flow-based Rate Limiting Packet re-direction Committed Access Rate (CAR) Supports 8 priority queues Supports Queue scheduling: SP, WRR Supports 802.1p CoS/DSCP priority	Scheduling for Priority Queues WRR Priority Scheduling Strict Priority Scheduling Hybrid(DRR/WRR + Strict) COS Di Serv Number of Priority Queues 8 Queues/port
Operating Environment	Operating Temperature: 0°C~45°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing	Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

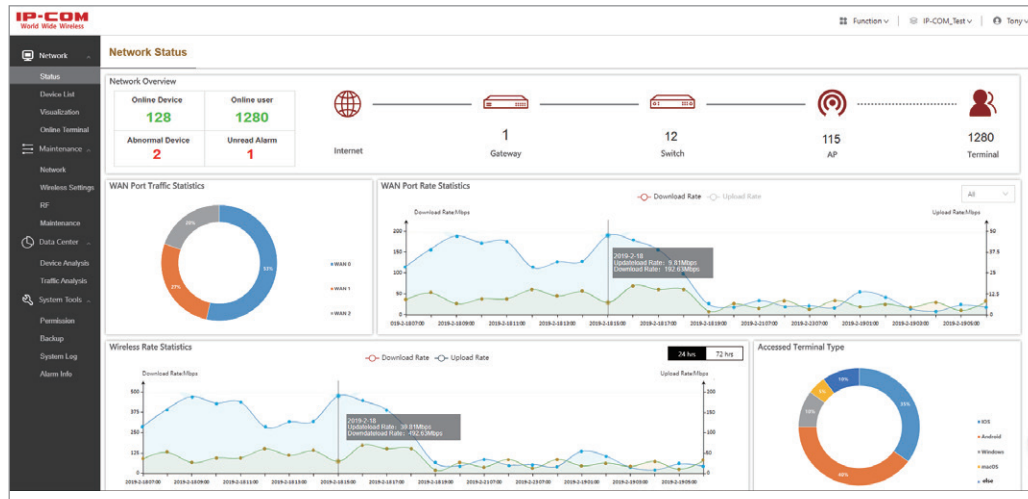
Fitting Series	PoE Adapter		
Photo			
Model	PSE15F	PSE 15F-48V-I	PSE30G-AT
Dimension	84.5mm*44mm*29.8mm	82.66*46.83 *40.26mm	132.3*60*33mm
Standard	IEEE802.3/ 802.3u	IEEE802.3/IEEE802.3u	IEEE802.3/802.3u/802.3ab/IEEE802.3af/at
Interface	1 FE Port (Data/PoE) 1 FE Port(Data)	1 FE Port (Data/PoE) 1 FE Port(Data)	1 GE Port (Data/PoE) 1 GE Port(Data)
Power Input	AC: 100-240V~50/60Hz	AC: 100-240V~50/60Hz	AC: 100-240V~50/60Hz
Power Output	DC 48V/0.3A(Max)	DC 48V/0.3A(Max)	DC: 51V/0.8A (Max)
Fitting Series	Optical Fiber Module		
Photo			
Model	G311SM	G511SM	G511MM
Description	Single-mode Optical Fiber Module	Single-mode Optical Fiber Module	Multi- mode Optical Fiber Module
Supported Media	IEEE 802.3z; CSMA/CD, TCP/IP	IEEE 802.3ae, CSMA/CD, TCP/IP	IEEE 802.3ae, CSMA/CD, TCP/IP
Connector Type	LC	LC	LC
Wavelength	1310nm	1310nm	850nm
Cable Distance	20km	10km	300m
Cable Distance	Working Temperature:0~40°C Storage Temperature:-40~70°C Working Humidity:10%~90%RH Storage Temperature:5%~90%RH	Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% Non-condensing Storage Humidity: 5%~90% Non-condensing	Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C Operating Humidity: 10%~90% Non-condensing Storage Humidity: 5%~90% Non-condensing
Power Supply	3.3V	3.3V	3.3V
Automatic Recognition	SFP	SFP+	SFP+

IP-COM Enterprise Solution



IP-COM Hotel Solution





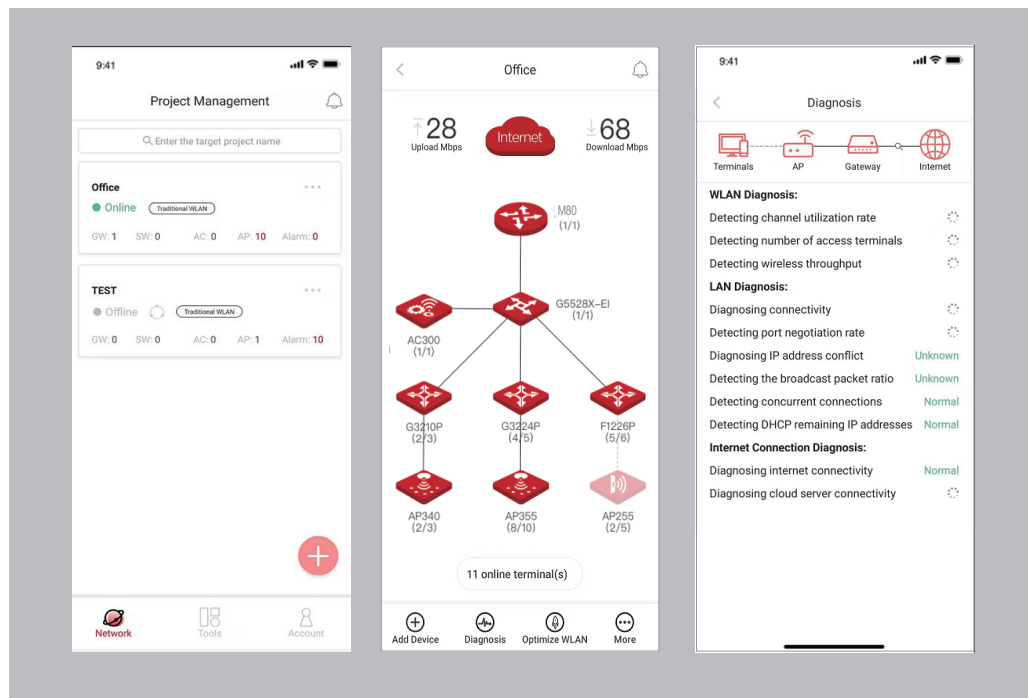
IMS Operation&Maintenance System(Web)

Core Value

Project cloud management, configuration and maintenance.

Product Features

Project cloud management, configuration backup, cloud configuration synchronization.



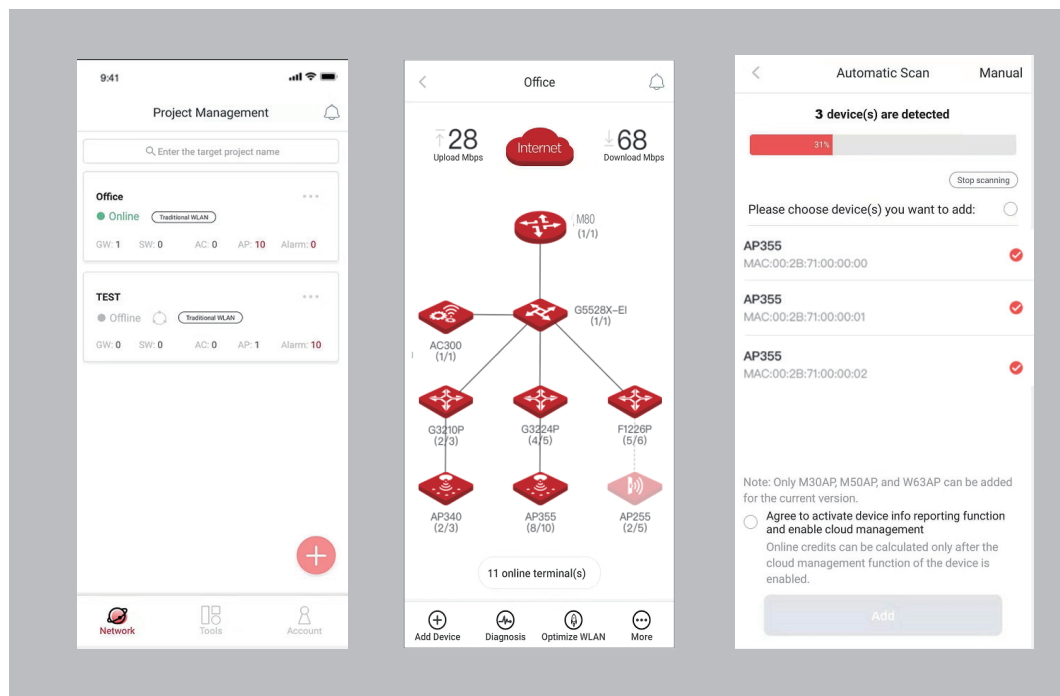
IMS Operation&Maintenance Management System (App)

Core Value

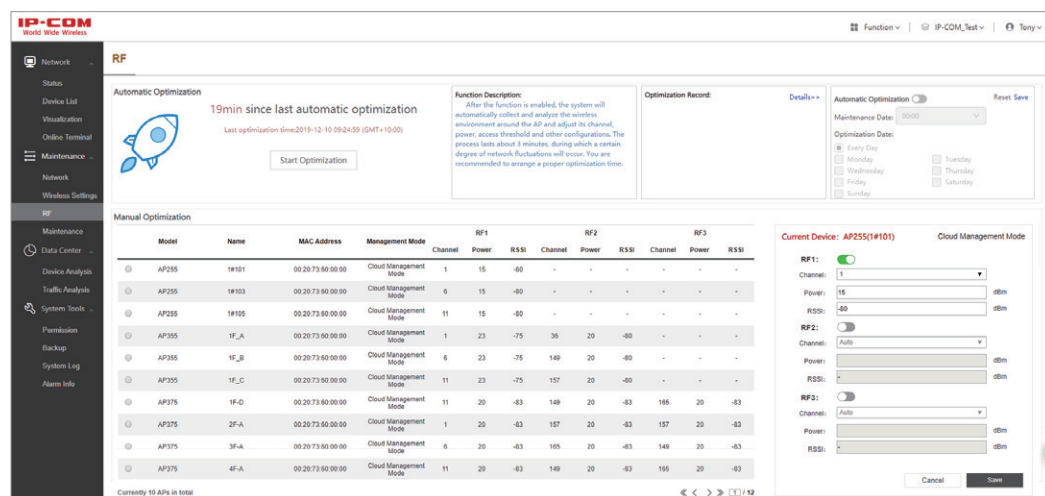
Mobile operation and maintenance;
Complete on-site project implementation in 10 minutes.

Product Features

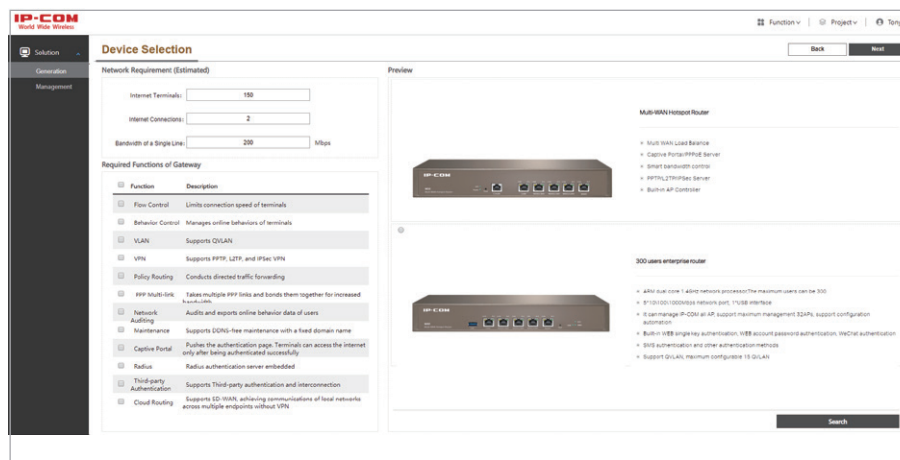
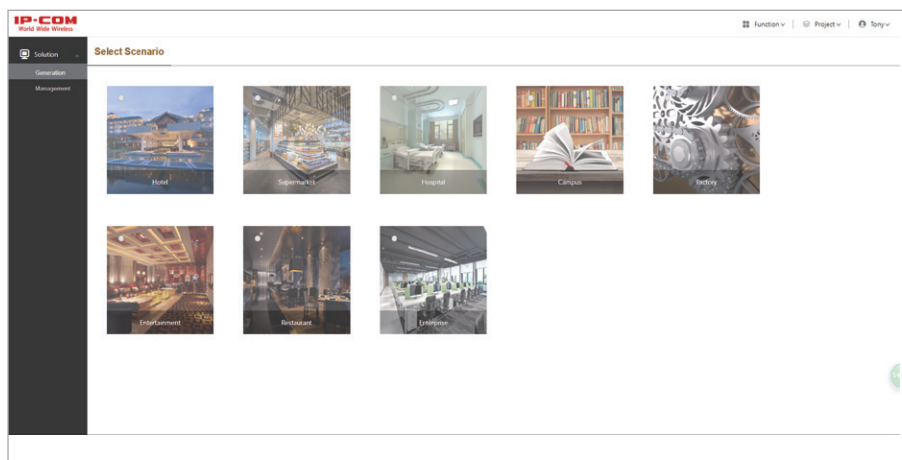
Pre-configured caches delivery;
Detect the network and optimize the wireless connection.



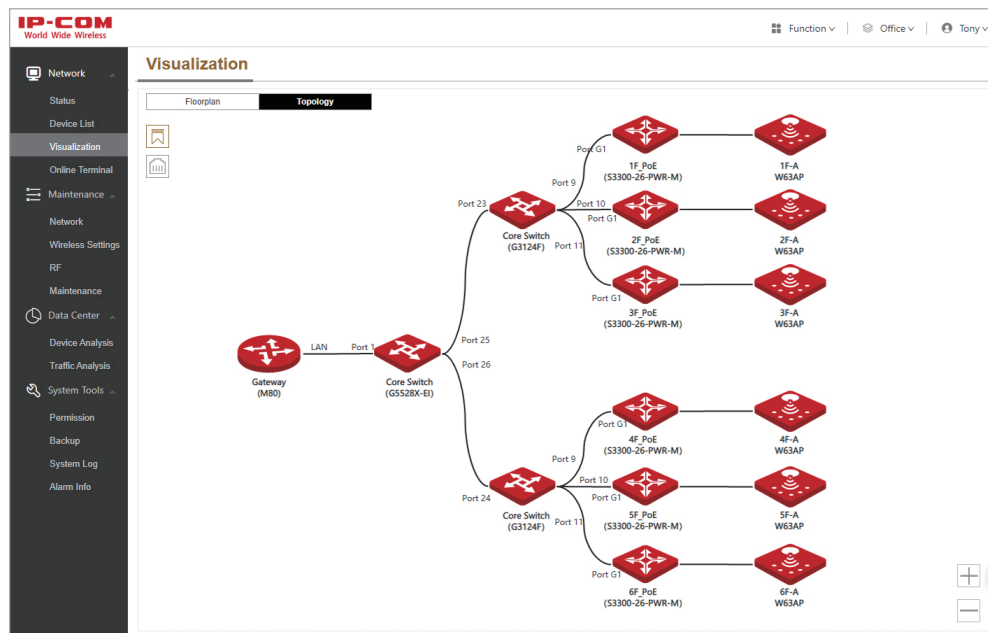
- Step 1: The device connects with the power supply.
- Step 2: The phone connects the local WLAN.
- Step 3: Open the app.
- Step 4: Click a new project.
- Step 5: Click to add a new device.
- Step 6: Scan all the IP-COM devices in the local area network.
- Step 7: Click all the devices that need to add in the new project.



After clicking wireless network optimization/rf auto-optimization, the access points of the whole network can complete the wireless optimization work automatically.



Input environmental requirements for the devices intended for installation and your demand, then it can automatically generate a wireless solution for your project. You also can export and share this solution.



1

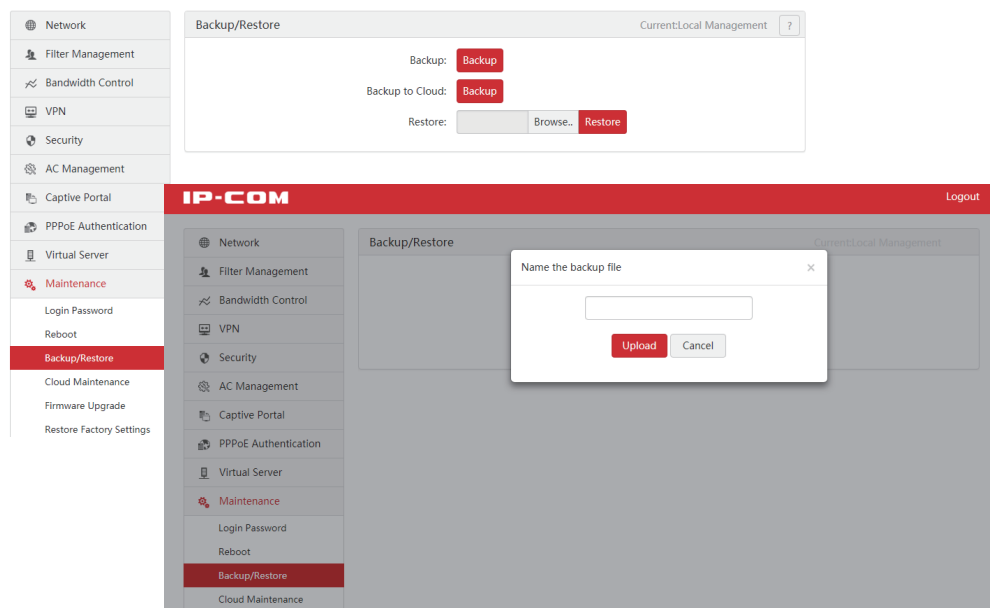
The corresponding model and remarks, as well as the port number of the connected device, will reveal in the Topology-generation interface.

2

Click on the corresponding device.

3

Then remote network management can complete the device configuration of the entire network.



Core devices can be backed up using the cloud, uploading the local configuration to the cloud service. When the device fails, if the device is online, the configuration backed up previously can be synchronized.

IP-COM

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