

2020 IP-COM Product Catalogue

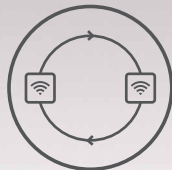


Cable-Free Series EW9+EP9

Cable-free Enterprise Network Solution



Mesh



Seamless Roaming



App Management








Captive Portal









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Cable-Free Series	AC1200 Mesh Networking		AC2600 Mesh Networking
Photo			
Model	EW9	EP9	EW12
Interface	1*Gigabit WAN Port 1*Gigabit WAN/LAN Port 2*Gigabit LAN Ports	/	1*Gigabit WAN/LAN Port 1*Gigabit LAN Ports
Frequency Band	2.4GHz+5GHz	2.4GHz+5GHz	2.4GHz+5GHz+5GHz
Wireless Data Rate	300Mbps+867Mbps	300Mbps+867Mbps	400Mbps+867Mbps+1300Mbps
802.11ac Wave2	√	√	√
Transmission Power	23dBm	23dBm	24.5dBm
Antenna	4*4dBi Internal Omni	4*4dBi Internal Omni	5*4dBi Internal Omni
Networking Technology	Mesh	Mesh	Mesh
Beamforming	√	√	√
QoS	√	√	√
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
Power Supply	External Switching Power Supply	External Switching Power Supply	External Switching Power Supply, POE
Mounting	Wall-mounted, Ceiling, Pole, Desktop	Wall-mounted, Ceiling, Pole, Desktop	Wall-mounted, Ceiling, Pole, Desktop
Product Certification	CCC\FCC\CE\RoHs	CCC\FCC\CE\RoHs	CCC\FCC\CE\RoHs

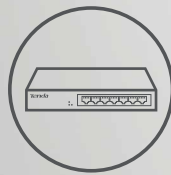
Router Series	Multi-WAN Hotspot Router	
Photo		
Model	M50	M80
Interface	1 Gigabit WAN Port 3 Gigabit WAN/LAN Ports 1 Gigabit LAN Port 1 USB3.0 Port	1 Gigabit WAN Port 3 Gigabit WAN/LAN Ports 1 Gigabit LAN Port 1 USB3.0 Port
CPU	ARM 800MHz	ARM 1.4GHz
RAM	512MB	512MB
FLASH	128MB	128MB
Product Certification	FCC/CE/RoHS	FCC/CE/RoHS
Power Supply	Built-in Switching Power Supply	Built-in Switching Power Supply
Dimension	294*178.8*44mm	294*178.8*44mm
Operating Environment	Temperature: 0°C~40°C; Humidity: 10%~90% Noncondensing	Temperature: 0°C~40°C; Humidity: 10%~90% Noncondensing
Storage Environment	Temperature: -40°C~70°C; Humidity: 5%~90% Noncondensing	Temperature: -40°C~70°C; Humidity: 5%~90% Noncondensing
Capacity	200	300
Concurrent Connection	55000	60000
Management Scale	Up to 100 APs	Up to 256 APs
Web User	300	500
PPPoE User	100	400
VPN User	15	32
URL Library	78000	78000
Quantity of Static Routings	10	10
DNS Hijacking	√	√
DNS Directional Forwarding	√	√
QoS	√	√
Authentication	Web, PPPoE Server	Web, PPPoE Server
Behaviour Management	URL, Application Feature Base, Ports	URL, Application Feature Base, Ports
Flow Control	Intelligent Flow Control, Custom Flow Control	Intelligent Flow Control, Custom Flow Control
VPN	PPTP/L2TP/IPSec	PPTP/L2TP/IPSec
Virtual Server	DMZ, Port Forwarding, DDNS, UPNP	DMZ, Port Forwarding, DDNS, UPNP
USB Application	USB File Sharing	USB File Sharing
Security Setting	IP-MAC Binding, ARP Attack Protection	IP-MAC Binding, ARP Attack Protection
Cloud Service	System Software Updates Online	System Software Updates Online

Router Series	Multi-Service Router		
Photo	 Coming Soon	 Coming Soon	 Coming Soon
Model	AC3000-500	AC3000-1000	AC3000-2000
Interface	1 Gigabit WAN Port 2 Gigabit WAN/LAN Ports 1 Gigabit LAN Port 2 USB2.0 Ports	1 Gigabit WAN Port 2 Gigabit WAN/LAN Ports 1 Gigabit LAN Port 2 USB2.0 Ports	1 Gigabit WAN Port 2 Gigabit WAN/LAN Ports 1 Gigabit LAN Port 2 USB2.0 Ports
CPU	Intel 2.0GHz	Intel 2.0GHz	Intel 2.0GHz
RAM	4GB	4GB	8GB
FLASH	8GB	8GB	8GB
Product Certification	FCC/CE/RoHS	FCC/CE/RoHS	FCC/CE/RoHS
Power Supply	Internal Universal Power Supply	Internal Universal Power Supply	Internal Universal Power Supply
Dimension	440*285*44mm	440*285*44mm	440*285*44mm
Operating Environment	Temperature: 0°C~40°C Humidity: 10%~90% Noncondensing		
Storage Environment	Temperature: -40°C~70°C Humidity: 5%~90% Noncondensing		
Capacity	500	1000	2000
Management Scale	Up to 500 APs	Up to 1000 APs	Up to 2000 APs
VPN User	100	300	300
QoS	√	√	√
Routing	Static Routing, Policy Routing		
VLAN	802.1q VLAN, Port VLAN		
Authentication	Web, Facebook, SMS, Email, QR code, PPPoE Server, 802.1x		
SD-WAN	Cloud VPN		
Flow Control	Intelligent Flow Control, Custom Flow Control		
VPN	PPTP/L2TP/IPSEC		
Virtual Server	DMZ, Port Forwarding, DDNS, UPNP		
Record	URL Log, Captive Portal User		
Security Setting	IP-MAC Binding, ARP Attack Protection		
Cloud Service	System Software Updates Online		

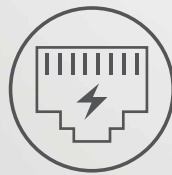
AC Series	Controller		
Photo	 Hot		
Model	AC1000	AC3000-32	AC3000-64
Dimension	210*130*30mm	430*300*44mm	430*300*44mm
Interface	5*10/100/1000Mbps LAN	4*10/100/1000Mbps WAN/LAN 2*USB,1*VGA,1*Console	4*10/100/1000Mbps WAN/LAN 2*USB,1*VGA,1*Console
Management Scale	128	512	1024
VLAN Group	24	4094	4094
RAM 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		 Hot		
Model	AP255_US	AP255	AP265	W36AP
Dimension	120*80*31.8mm	86*86*35mm	86*86*35mm	86*86*35mm
Frequency Band	2.4GHz	2.4GHz	2.4GHz+5GHz	2.4GHz+5GHz
Standard	802.11b/g/n	802.11b/g/n	802.11a/b/g/n/ac	802.11a/b/g/n/ac
802.11ac Wave2	/	/	√	√
Wireless Data Rate	300Mbps	300Mbps	300Mbps+867Mbps	300Mbps+867Mbps
Maximum Transmission Power	18dBm	18dBm	18dBm	15dBm
Interface	2*FE LAN	2*FE LAN	2*FE LAN	2*GE LAN
Power Supply	802.3af/at	802.3af/at	802.3af/at	802.3af/at
PoE Passthrough	√	/	/	/
Maximum User Capacity	15	15	40	50
Broadcast SSID	2	2	2.4GHz 8 + 5GHz 4	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	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	Adjustable Power by 1dBm	Adjustable Power by 1dBm
AP Isolation	√	√	√	√
LED ON/OFF Control	√	√	√	√
Schedule Reboot	√	√	√	√
Software Upgrade	√	√	√	√
AP Controller Management	AC1000/AC2000/AC3000Series	AC1000/AC2000/AC3000Series	AC1000/AC2000/AC3000Series	AC1000/AC2000/AC3000Series
Application Scenario	Hotel Room, Villa	Hotel Room, Villa	Hotel Room, Villa	Hotel Room, Villa

AP Series	Ceiling AP			
Photo				
Model	AP325	AP345	W63AP	W64AP
Dimension	184*184*40mm	184*184*40mm	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: 300Mbps 5GHz: 867Mbps	2.4GHz: 450Mbps 5GHz: 867Mbps
Concurrent Client	128	256	256	256
Recommended of Users	20	50	50	55
MAX TX Power	2.4GHz: 23dBm	2.4GHz: 23dBm 5GHz: 23dBm	2.4GHz: 23dBm 5GHz: 23dBm	2.4GHz : 23dBm 5GHz: 26dBm
Antenna	2*4dBi	4*4dBi	4*4dBi	5*4dBi
2.4GHz MIMO	2*2	2*2	2*2	3*3
5GHz MIMO	/	2*2 MU-MIMO	2*2 MU-MIMO	2*2 MU-MIMO
Interface	1*FE 1*DC	1*FE 1*DC	1*GE 1*DC	1*GE 1*DC
Power Supply	802.3af PoE/DC	802.3at PoE/DC	802.3af PoE/DC	802.3at PoE/DC
Power Consumption	11W	12W	12W	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	 Coming Soon		
Model	W66AP	AP355	AP365
Dimension	178*178*38mm	200*200*30mm	234*234*51mm
802.11ac Wave2	√	/	/
Frequency Band	2.4GHz+5GHz	2.4GHz+5GHz	2.4GHz+5GHz
Simultaneous Dual-band	√	√	√
Wireless Data Rate	2.4GHz: 450Mbps 5GHz: 1300Mbps	2.4GHz: 300Mbps 5GHz: 867Mbps	2.4GHz: 450Mbps 5GHz: 1300Mbps
Concurrent Client	256	256	256
Recommended of Users	70	50	70
MAX TX Power	2.4GHz: 23dBm 5GHz: 23dBm	2.4GHz: 26dBm 5GHz: 26dBm	2.4GHz: 24dBm 5GHz: 23dBm
Antenna	6*4dBi	2*4dBi	3*4dBi
2.4GHz MIMO	3*3	2*2	3*3
5GHz MIMO	3*3 MU-MIMO	2*2	3*3
Interface	1*GE 1*DC	1*GE 1*DC	2*GE 1*DC
Power Supply	802.3at PoE/DC	802.3at PoE/DC	802.3at PoE
Power Consumption	17W	17W	23W
Standard	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
Security	64/128 WEP, WPA-PSK, WPA, WPA2, MAC Address Filtering		
Multiple SSID	12	12	12




AP Series	Outdoor Coverage AP
Photo	
Model	AP515
Dimension	270*94.86*67.5mm
Frequency Band	2.4GHz
Standard	802.11b/g/n
802.11ac Wave2	/
Wireless Data Rate	2.4GHz:300Mbps
Interface	1*GE LAN
Antenna	7dBi Directional
Maximum Transmission Power	26dBm
Power Supply	802.3at
Dustproof and Waterproof	IP64
Lightning Protection	/
Maximum User Capacity	25
Broadcast SSID	4
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 Isolation	√
LED ON/OFF Control	√
Schedule Reboot	√
Software Upgrade	√
AP Controller Management	AC1000/AC2000/AC3000Series





P2P&P2MP Product Series




Cable-free CCTV Network Solution








PtP&P2MP Series	2.4GHz Outdoor CPE		5GHz Outdoor CPE
Photo			
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	6W	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	AP625	BS6
Dimension	270*94.86*67.5mm	270*94.86*67.5mm	190*84*37mm
Application	CCTV Surveillance, WISP CPE	CCTV Surveillance, WISP CPE	CCTV Surveillance, WISP CPE
Frequency Band	5GHz	5GHz	5GHz
Wireless Data Rate	300Mbps	433Mbps	300Mbps
Maximum Transmission Power	400mW(26dBm)	400mW(26dBm)	400mW(26dBm)
Maximum Transmission Range	5km	10km	/
Standard	IEEE 802.11a/n	IEEE 802.11a/n/ac	IEEE 802.11a/n
Interface	1*FE PoE/LAN Port	1*GE PoE/WAN/LAN Port	1*FE PoE/LAN Port
Antenna	14dbi Directional Antenna	16dbi Directional Antenna	2*RP-SMA
Antenna Beamwidth	Horizontal: 30° Vertical: 30° Elevation: 30°	Horizontal: 30° Elevation: 15°	/
Maximum Power Consumption	9W	9W	9W
Lightning Protection	6kV	6kV	6kV
Weatherproof	IP65	IP64	IP65
Power Supply	24V 0.5A PoE Adapter	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 /P2MP/Repeater
Transmission Power	Adjustable Power by 1dBm	Adjustable Power by 1dBm	Adjustable Power by 1dBm
TDMA	√	/	√
Operating Environment	Temperature: -30°C~ 60°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 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	10/100M Unmanaged PoE Switch		
Photo			
Model	S1105-4-PWR-H	F1106P-4-63W	F1109P-8-102W
Description	5-Port Fast Ethernet Unmanaged PoE Switch with 4-Port PoE	6-Port 10/100M Unmanaged 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/IEEE 802.3u/ IEEE 802.3x/IEEE 802.3af/at	IEEE 802.3/IEEE 802.3u/ IEEE 802.3x/IEEE 802.3af/at
Switching Capacity	1Gbps	1.2Gbps	1.8Gbps
Packet Forwarding Rate	0.744Mpps	0.89Mpps	1.34Mpps
Interface	4*FE Ports(Data/PoE) 1*FE Port(Data)	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, PoE Status, Power	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 1~4 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: <63W	In Full Configuration: <102W
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 1.25A	DC: 51V 2A
MAC Table Size	1K	1K	2K
Dimension	100*100*26mm	100*100*26mm	177.5*104*26mm
Port VLAN	/	/	1~8 Ports
250m Distance Transmission (10Mbps)	√	√	√



Switch Series	100M+Gigabit Unmanaged PoE Switch		
Photo	 New		 New
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	 New	 New	 New
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 Uplink PoE Switch	
Photo	 New	 New
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/at
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)	√	√

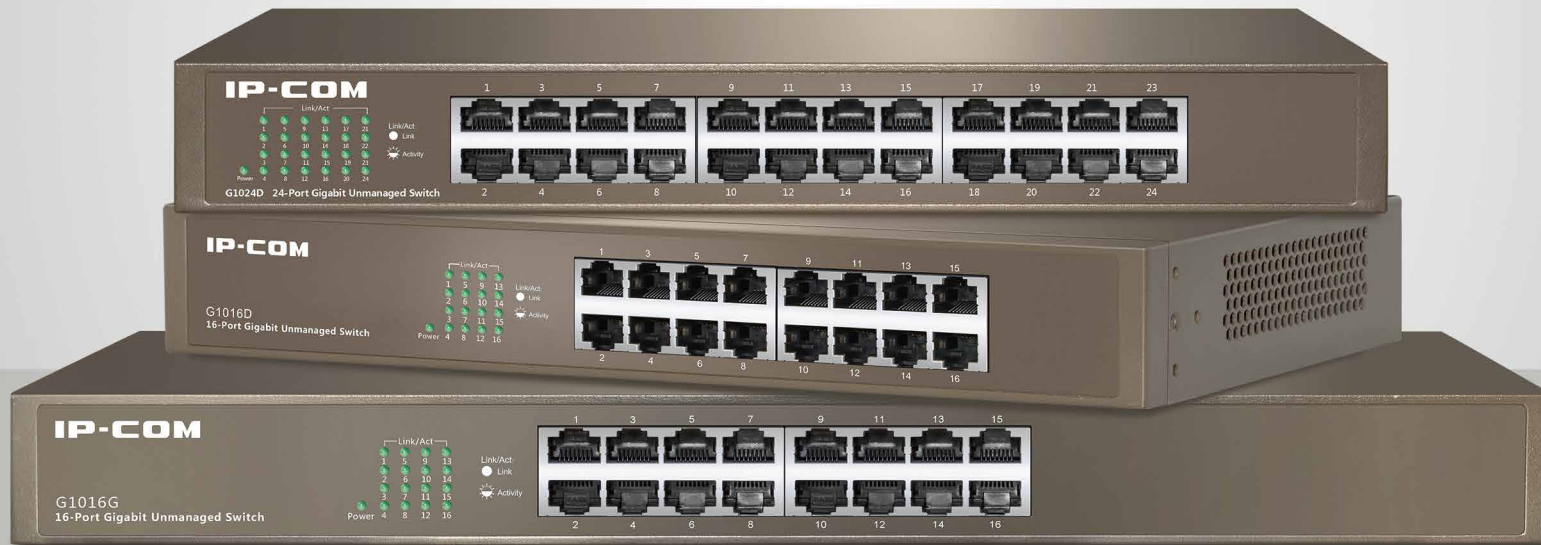
Switch Series	10/100M+Gigabit Managed PoE Switch		
Photo			
Model	S3300-10-PWR-M	S3300-18-PWR-M	S3300-26-PWR-M
Description	8-Port 10/100Mbps+2 Gigabit/SFP(Combo) Desktop/Rackmount Web Smart Switch with 8-Port PoE	16-Port 10/100Mbps+2 Gigabit/SFP(Combo) Rackmount Web Smart Switch with 16-Port PoE	24-Port 10/100Mbps + 2 Gigabit/SFP(Combo) Rackmount Web Smart Switch with 24-Port PoE
Standard	IEEE 802.3/802.3u/802.3z/802.3ab/802.3x/802.1D/802.1W/802.1Q/IEEE 802.3af/at	IEEE 802.3/802.3u/802.3z/802.3ab/802.3x/802.1D/802.1W/802.1Q/IEEE 802.3af/at	IEEE 802.3/802.3u/802.3z/802.3ab/802.3x/802.1D/802.1W/802.1Q/IEEE 802.3af/at
Switching Capacity	5.6Gbps	7.2Gbps	8.8Gbps
Packet Forwarding Rate	4.22Mpps	5.36Mpps	6.55Mpps
Interface	8*FE Ports(Data/PoE) 2*GE Ports(Data), 2*SFP Slots(Combo)	16*FE Ports(Data/PoE) 2*GE Ports(Data), 2*SFP Slots(Combo)	24*FE Ports(Data/PoE) 2*GE Ports(Data), 2*SFP Slots(Combo)
6kV Lightning Protection	√	√	√
LED Indicator	Link/Act, PoE MAX, SYS, PWR, PoE Status, G1, G2, SFP1, SFP2	Link/Act, PoE MAX, SYS, PWR, PoE Status, G1, G2, SFP1, SFP2	Link/Act, PoE MAX, SYS, PWR, PoE Status, G1, G2, SFP1, SFP2
PoE Supply	Port 1~8 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 123W	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: <150W	In Full Configuration: <250W	In Full Configuration: <440W
Power Input	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
Power Output	DC: 53.5V/2.8A	DC: 53.5V/4.6A	DC: 53.5V/8.4A
MAC Table Size	4K	4K	4K
Dimension	294*178*44mm	440*284*44mm	440*284*44mm
Port VLAN	√	√	√
250m Distance Transmission (10Mbps)	√	√	√

Switch Series	Gigabit Unmanaged PoE Switch			
Photo				
Model	G1105P-4-63W	G1109P-8-102W	G1116P-16-150W	G1124P-24-250W
Description	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	24-Port Gigabit Rackmount 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	IEEE 802.3/802.3u/802.3x/802.3ab IEEE 802.3af/at
Switching Capacity	10Gbps	18Gbps	32Gbps	48Gbps
Packet Forwarding Rate	7.44Mpps	13.39Mpps	23.6Mpps	35.4Mpps
Interface	4*GE Ports(Data/PoE) 1*GE Port(Data)	8*GE Ports(Data/PoE) 1*GE Port(Data)	16*GE Ports(Data/PoE)	24*GE Ports(Data/PoE)
6kV Lightning Protection	√	√	√	√
LED Indicator	Link/Act, PoE Status, Power	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 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	Port 1~24 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 225W
Power Consumption	In Full Configuration: <63W	In Full Configuration: <102W	In Full Configuration: <150W	In Full Configuration: <250W
Power Input	AC: 100~240V 50/60Hz	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	DC: 53.5V 4.6A
MAC Table Size	2K	4K	8K	8K
Dimension	100*100*26mm	177.5*104*26mm	294*178*44mm	440*178*44mm
Port VLAN	1~4 Port	1~8 Port	1~14 Port	1~22 Port
250m Distance Transmission (10Mbps)	/	/	/	/

Switch Series	Gigabit Managed PoE Switch		
Photo			 Coming Soon
Model	G3210P	G3224P	G5328P
Description	8-Port Gigabit Managed PoE Switch with 2-Port SFP	24-Port Gigabit Managed PoE Switch with 4-Port SFP Combo	L3 Managed PoE Switch
Standard	IEEE 802.3/802.3u/802.3z/802.3ab/802.3x/802.1D/802.1w/802.1Q/802.3ad/IEEE 802.3af/at	IEEE 802.3/802.3u/802.3z/802.3ab/802.3x/802.1D/802.1w/802.1Q/802.3ad/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	20Gbps	56Gbps	56Gbps
Packet Forwarding Rate	14.88Mpps	35.7Mpps	41.66Mpps
Interface	8*GE Ports(Data/PoE) 2*SFP Slots(Data)	24*GE Ports(Data/PoE) 4*SFP Slots(Data), 1*Console Port	24*GE Ports(Data/PoE) 4*SFP Port(Data)
6kV Lightning Protection	/	/	√
LED Indicator	Link/Act, PoE Status, Power, System, PoE Max	Link/Act, PoE Status, Power, System, PoE Max	Link/Act, PoE, PoE MAX, Power, SYS
PoE Supply	Port 1~8 Support PoE Maximum Power for Each Port is 30W Maximum Power for All Port is 115W	Port 1~24 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: <130W	In Full Configuration: <440W	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 2.4A	DC: 53.5V 8.4A	DC: 53.5V 7.7A
MAC Table Size	8K	8K	16K
Dimension	294*178.8*44mm	440*284*44mm	440*284*44mm
Port VLAN	√	√	√
250m Distance Transmission (10Mbps)	/	/	/

Switch Series G1024D+G1016D+G1016G

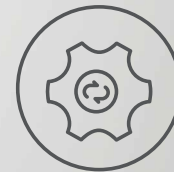
Efficient Networking, Fast Transmission







6kV Lightning Protection








Gigabit Ports








Plug and Play







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	294*178*44mm	440 * 178 *44mm

Switch Series	Business 100M+Gigabit 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

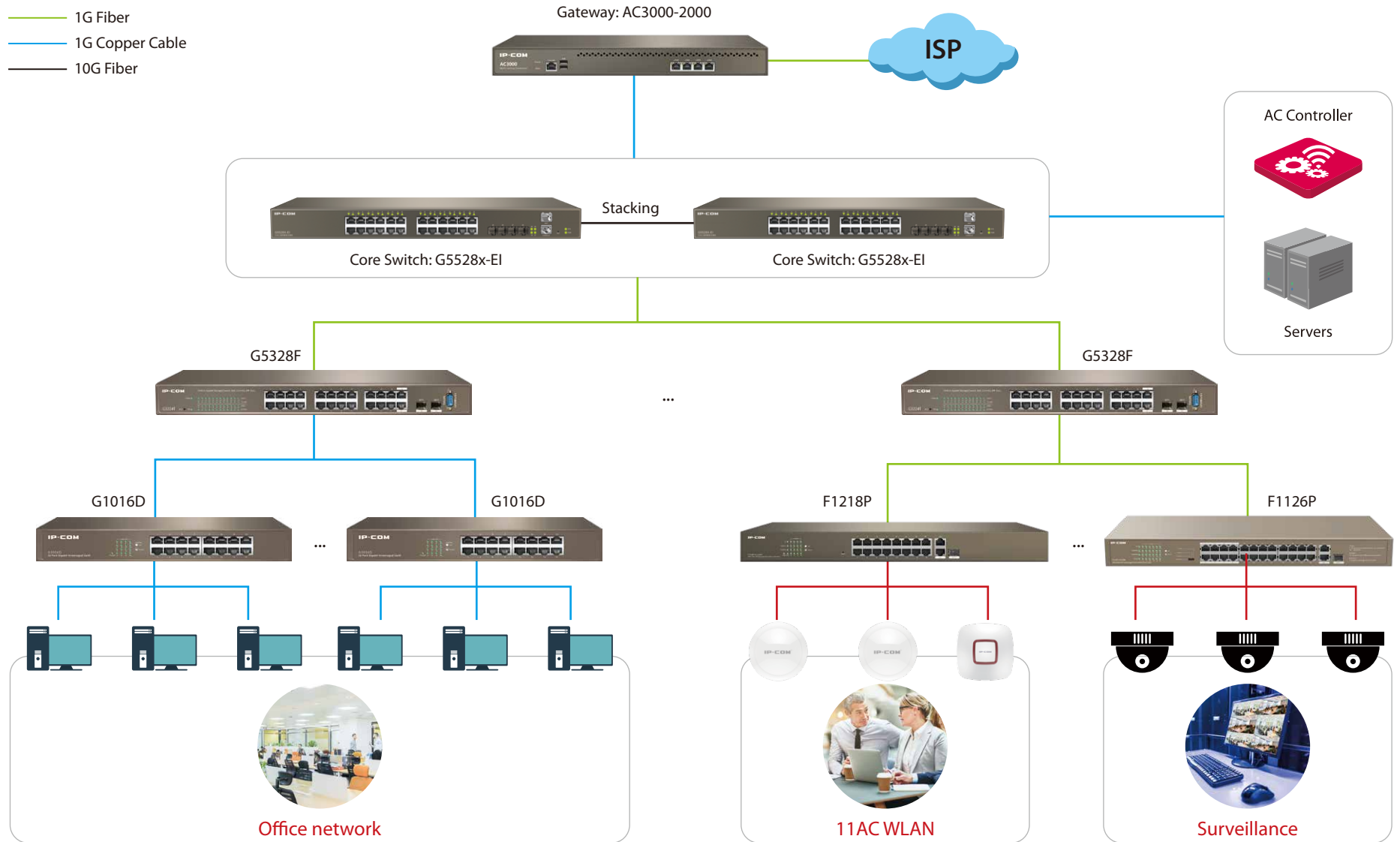
Switch Series	Business Gigabit Ethernet Switch		
Photo			
Model	G1024D	G1024G	G1024F
Housing Material	Metal	Metal	Metal
Standard	IEEE 802.3/u/x/ab	IEEE 802.3/u/x/ab	IEEE 802.3/u/x/ab
Interface	24*GE	24*GE	24*GE+2*SFP(Combo)
LED Indicator	Link/Act, Power	Link/Act, Power	Link/Act, Power, Mode
Transfer 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	G3224T	G5328F	G5528X-EI
Power Consumption	20W	24W	21W
MTBF	50000Hours	50000Hours	50000Hours
Total Non-Blocking Throughput	56Gbps	56Gbps	128Gbps
Interface	24*GE 2*SFP(Combo)	24*GE 4*SFP	24*GE 4*10G SFP+
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~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
Dismension	440*220*44mm	440*178*44mm	440*284*44 mm
MAC Table Size	8K	16K	16K
Power Input	AC: 100~240V 50/60HZ	AC: 100~240V 50/60Hz	AC: 100~240V 50/60Hz
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	Scheduling for Priority Queues WRR Priority Scheduling Strict Pritory Scheduling Hybrid(DRR/WRR + Strict) COS Di Serv Number of Priority Queues 8 Queues/port
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 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
Packet Forwarding Rate	35.7Mbps	41.7Mbps	95.2Mbps
6kV lightning Protection	√	√	√

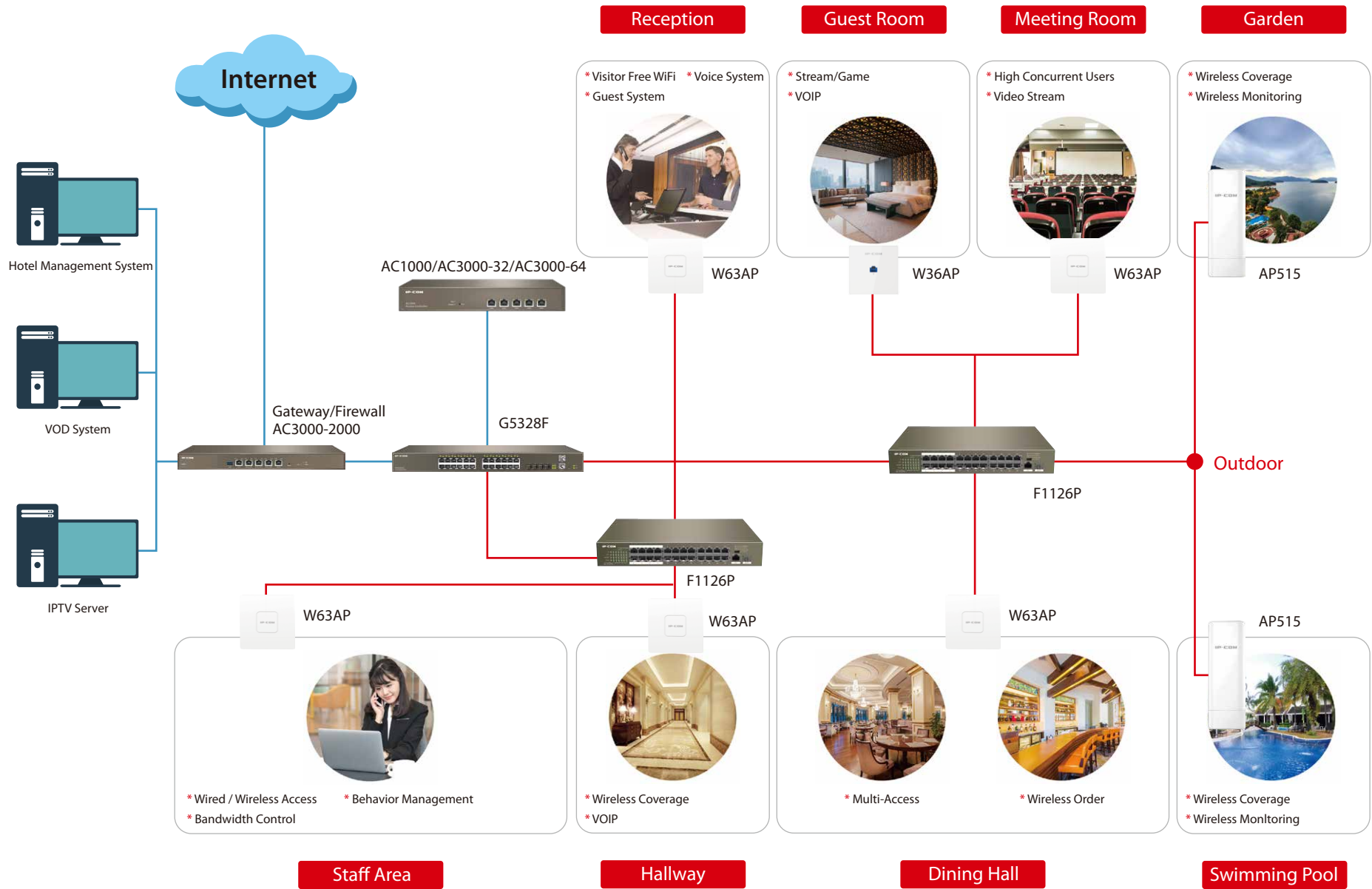
Fitting Series	PoE Adapter		
Photo			
Model	PSE15F	PSE 15F-48V-I	PSE30G-AT
Dimension	84.5mm*44mm*29.8mm	82.66*46.83 *40.26mm	132.3*60*33mm
Standard	IEEE802.3/ 802.3u	IEEE802.3/IEEE802.3u	IEEE802.3/802.3u/802.3ab/IEEE802.3af/at
Interface	1 FE Port (Data/PoE) 1 FE Port(Data)	1 FE Port (Data/PoE) 1 FE Port(Data)	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

- PoE
- 1G Fiber
- 1G Copper Cable
- 10G Fiber



IP-COM Hotel Solution





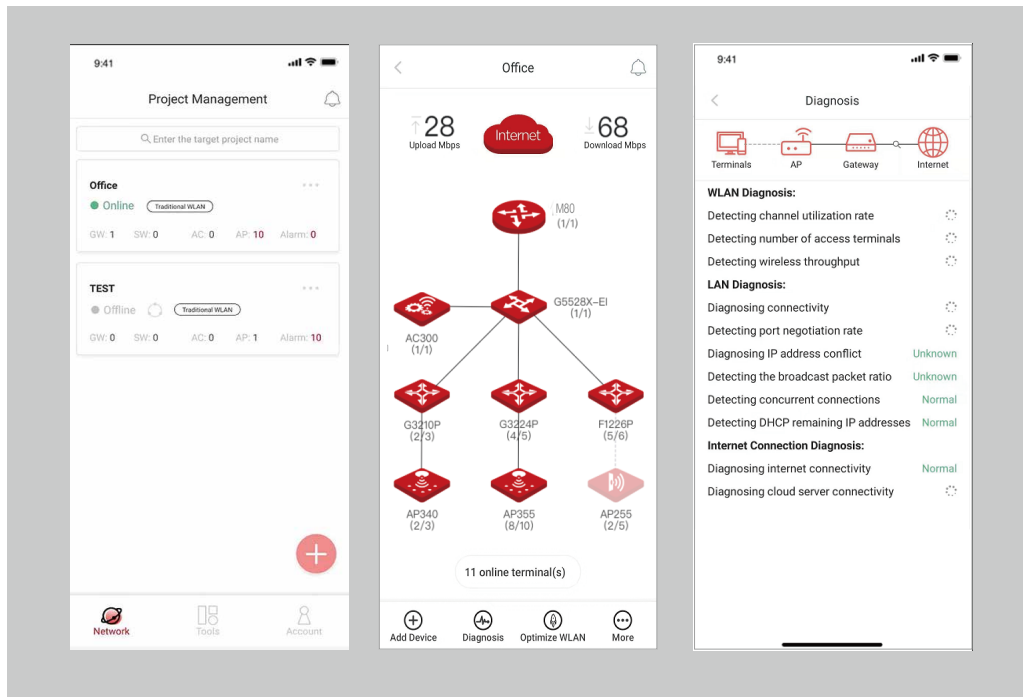
IMS Operation&Maintenance System(Web)

Core Value

Project cloud management, configuration and maintenance.

Product Features

Project cloud management, configuration backup, cloud configuration synchronization.



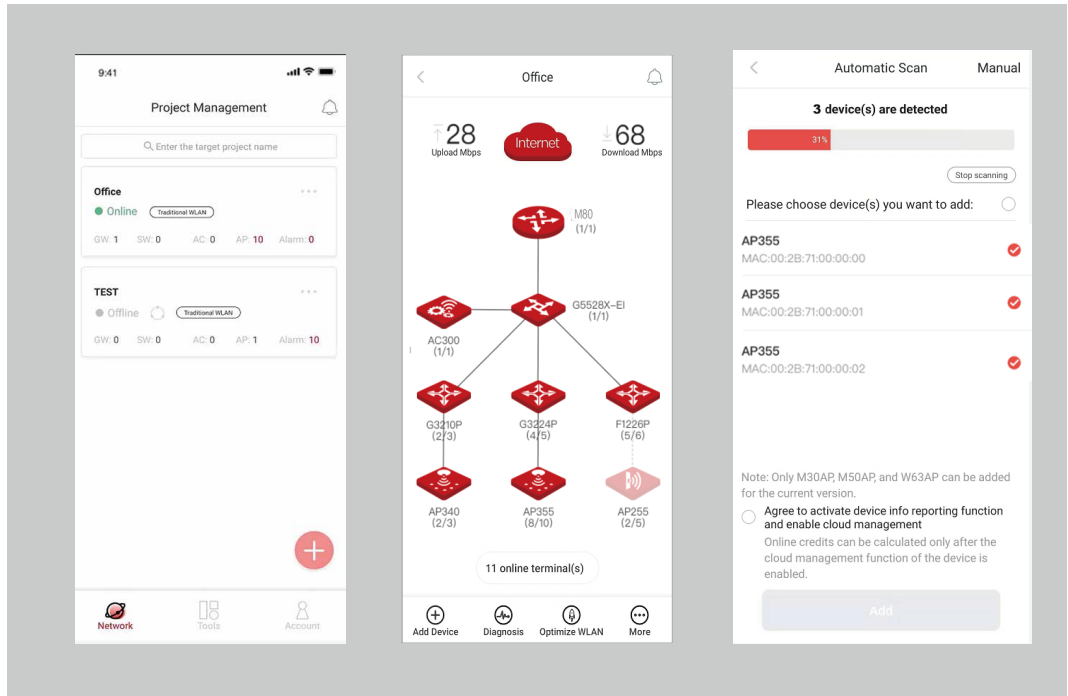
IMS Operation&Maintenance Management System (App)

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.

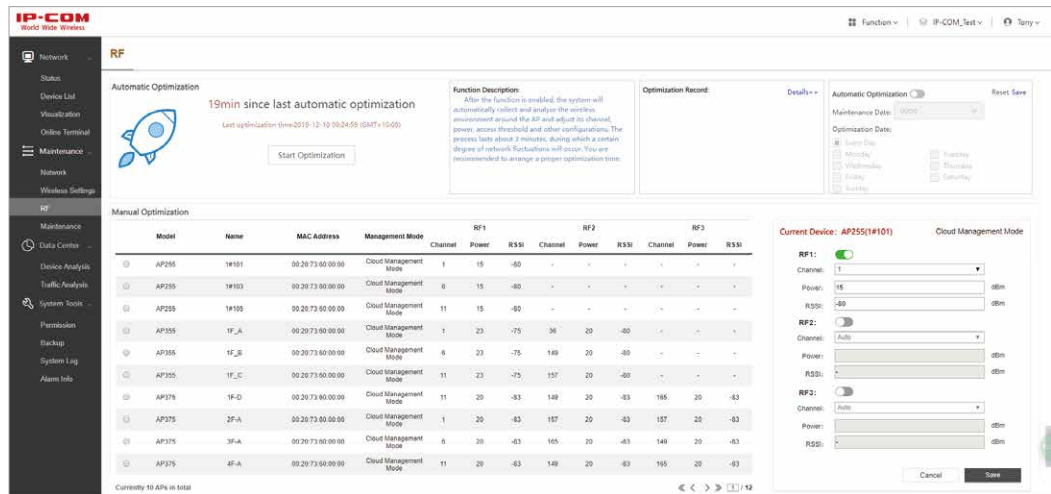
Step 3: Open the app.

Step 4: Click a new project.

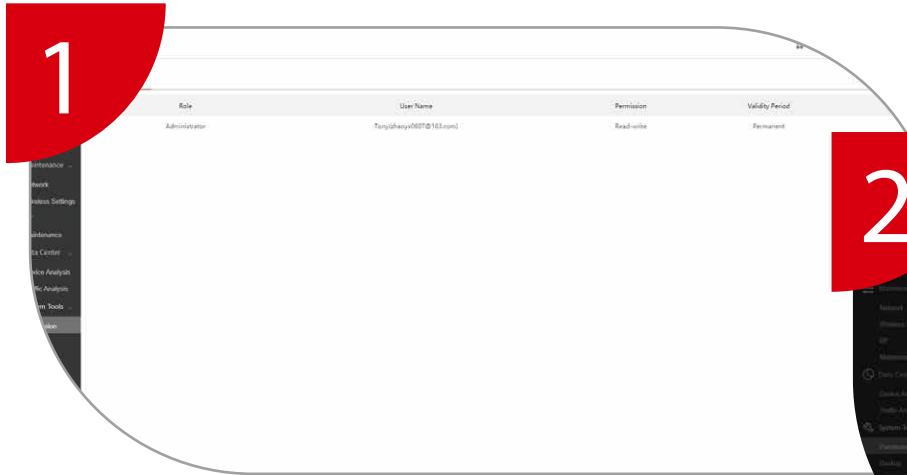
Step 5: Click to add a new device.

Step 6: Scan all the IP-COM devices in the local area network.

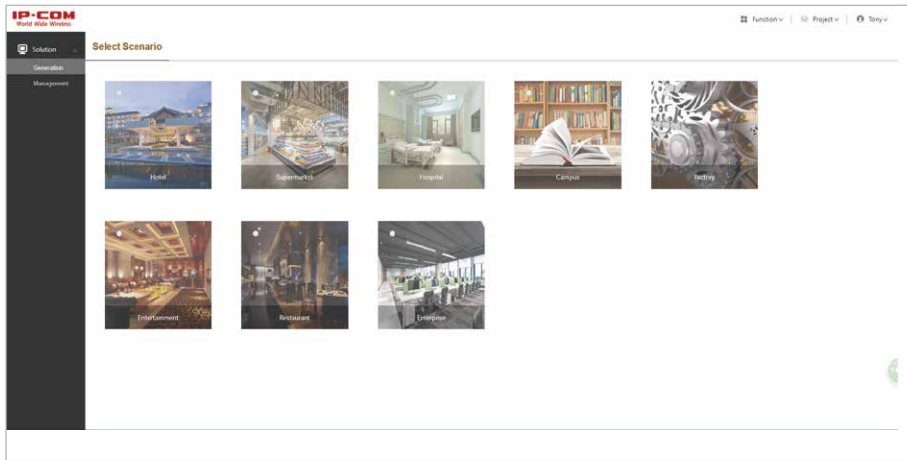
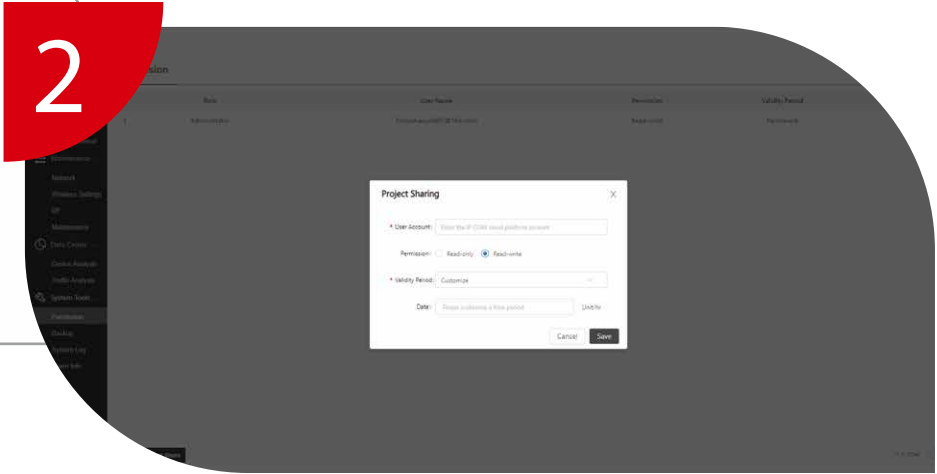
Step 7: Click all the devices that need to add in the new project.



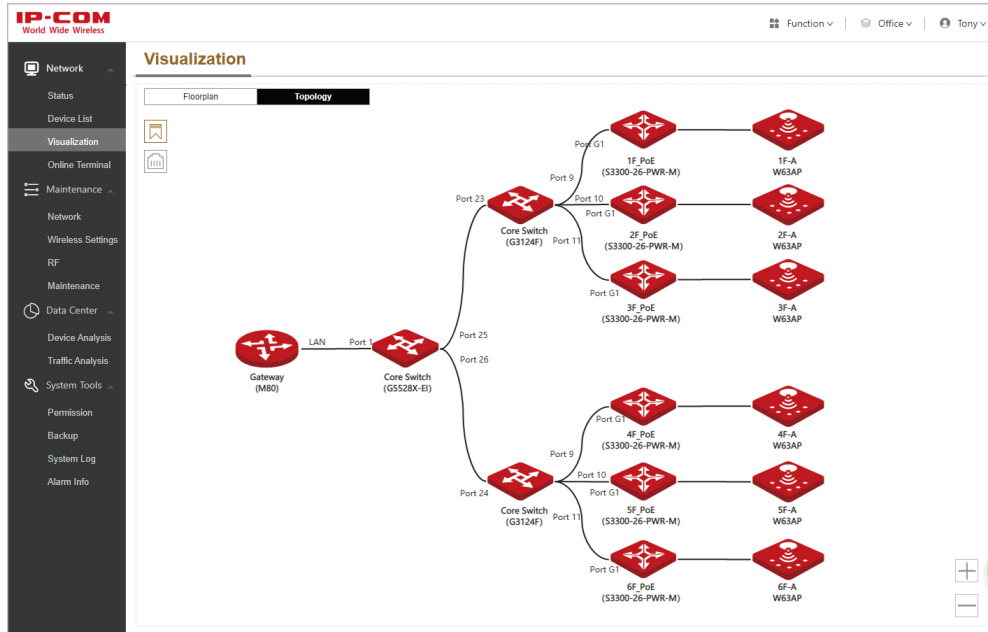
After clicking wireless network optimization/rf auto-optimization, the access points of the whole network can complete the wireless optimization work automatically.



Select the corresponding sharing option, enter the other's account to complete project sharing.



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.

The screenshot displays the IP-COM Backup/Restore interface. The top section shows the 'Backup/Restore' page with a 'Current: Local Management' dropdown. It contains three main actions: 'Backup' (a red button), 'Backup to Cloud' (a red button), and 'Restore' (a red button next to a 'Browse...' button). The bottom section shows a 'Name the backup file' dialog box with a text input field and 'Upload' and 'Cancel' buttons. The left sidebar contains a menu with various network management options, including 'Backup/Restore' which is currently selected.

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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