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World Wide Wireless

Pro-7-M

BE3600 Dual Band 2.5G Indoor/Outdoor Access Point

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Product Introduction

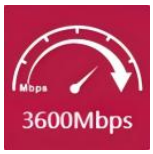
Pro-7-M is designed to provide Wi-Fi signal for yard, garden, swimming pool, outdoor café, square, park etc., scenes. Adopt of Wi-Fi 7 technology, it delivers speeds up to 2882 Mbps at 5 GHz radio and 688Mbps on 2.4 GHz radio. Its IP65 waterproof and dustproof design ensures reliable performance even in harsh outdoor environments. It is powered by PoE (Power over Ethernet), using a single Ethernet cable to transmit both power and data, simplifying installation and making it ideal for locations without a nearby power source.



Key Features

- Dual-band Wi-Fi 7 3600Mbps
- 2.5G Ethernet uplink port
- 802.11k/v/r Roaming supported
- Compliant with PoE 802.3at(PoE+)
- UniFi Managed by ProFi APP and Cloud Management

Product Features



Faster Internet access with Wi-Fi 7 3600Mbps

Adopt of Wi-Fi 7 technology, it delivers 2882Mbps at 5GHz radio and 688Mbps at 2.4GHz radio. Pair with 2.5Gbps Ethernet port design, the maximum throughput can be up to 2000Mbps



Better signal connection with 802.11K/V/R roaming

When multiple APs are deployed in an area for Wi-Fi coverage, smart phones, laptop, pads etc. mobil devices will always connect to the AP with better signal quality automatically during the user's movement. The video call, online game etc. application will keep to work fluently without any constraints.



Easy to Deploy with PoE 802.3at power supply

Compliant with PoE 802.3at standard, It is powered by PoE (Power over Ethernet), using a single Ethernet cable to transmit both power and data, simplifying installation and making it ideal for locations without a nearby power source.

Product Feature

Wireless WiFi optimization to improve overall performance

When the working channels of adjacent APs overlap, excessive power of an AP will cause signal interference to adjacent APs. Pro-7-M works with AC controller or router to automatically plan AP channels and output power through wireless optimization function, intelligently reduce signal interference between APs, and ensure high-speed operation of wireless networks.

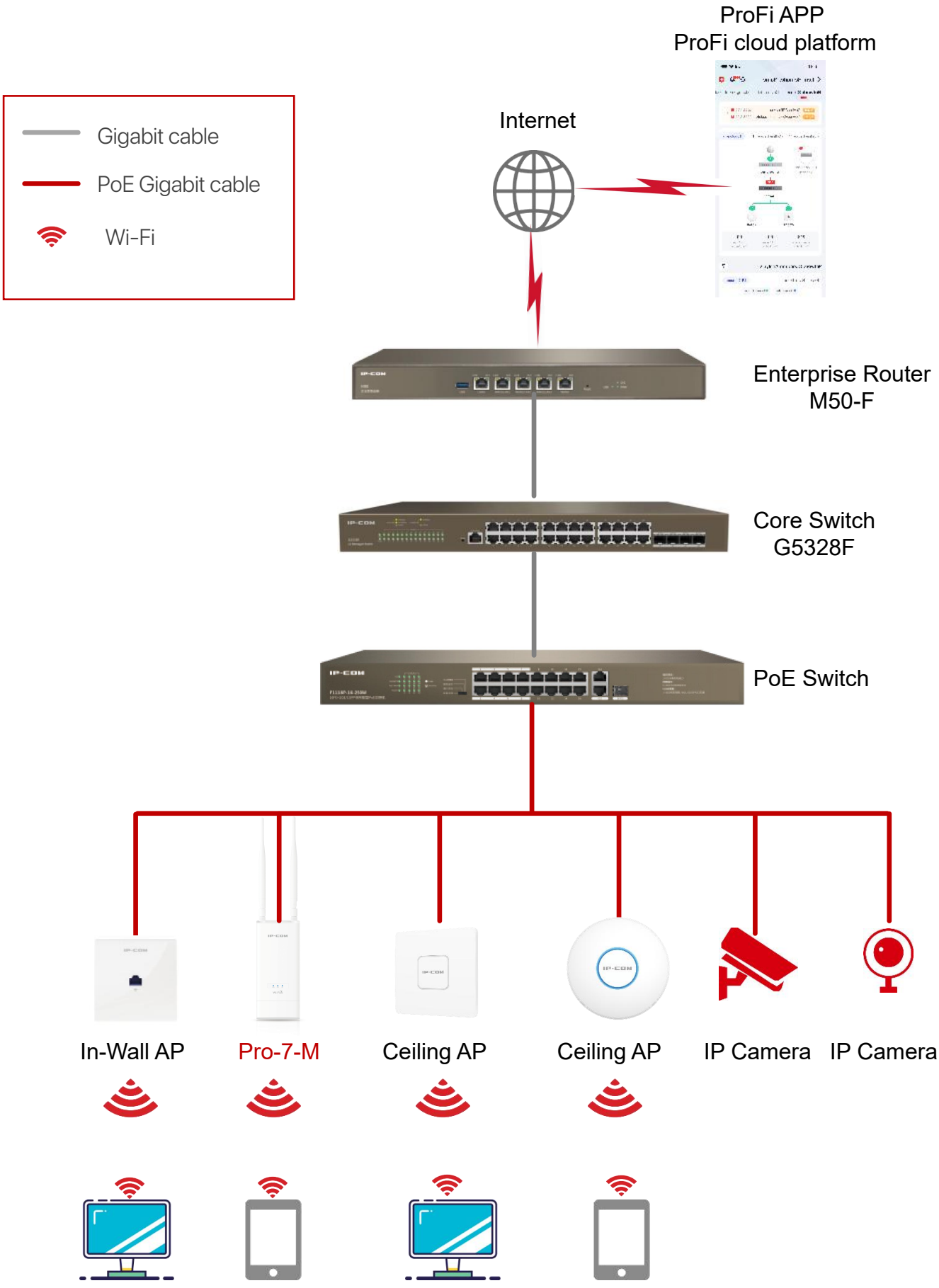
Unified management by ProFi APP and cloud platform

Unified management by ProFi APP and cloud platform, the network administrator can configure, manage, monitor and maintenance all the device remotely at any time and any location. You can grasp the overall network status easily.

IP65 weatherproof and 6000V lightning protection

Adopt of IP65 rate weatherproof and 6000V lightning protection desigh, it can be more robust in harsh environments such as windy rainy and snowy etc.

Application Topology



Specifications

Product Information	
Model	Pro-7-M
Installation	Pole Mounting or Wall Mounting
Dimension	194.7* 83* 42.1 mm
Hardware Specifications	
WiFi Standard	Wi-Fi 7
WiFi Protocol	IEEE 802.11b/g/n/ac/ax/be
Frequency Range	2.4GHz&5GHz
Maximum wireless speed	2.4GHz: 688Mbps 5GHz: 2882Mbps
Bandwidth	20MHz/40MHz/80MHz/160MHz
Antenna	2*5dBi dual band omini detachable antenna
Interface	One 100/1000/2500 Mbps Ethernet Port (PoE)
Button	1*Reset
LED indicator	1*SYS , 1*2.4GHz , 1*5GHz
Maximum Power Consumption	15.4W
Power Supply	PoE 802.3at
Max. Number of Clients	256
Recommended Clients	80
2.4GHz maximum power	26dBm
5GHz maximum power	26dBm
Lightning protection	6000V
Weatherproof	IP65
Reception Sensitivity	2.4GHz 11b 1Mbps -95dBm 2.4GHz 11n HT20 MCS7 -75dBm 2.4GHz 11ax HE20 MCS11 -65dBm 2.4GHz 11be ETH20 MCS13 -58dBm 5GHz 802.11a 6Mbps -93dBm 5GHz 802.11n HT40 MCS7 -72dBm 5GHz 802.11ax HE160 MCS13 -55dBm 5GHz 802.11be EHT160 MCS13 -52dBm

Specifications

Software Specifications

Operating Mode	AP/Client+AP
Max. No. of SSID	2.4GHz: 8 5GHz: 4
Hide SSID	Supported
OFDMA	Supported
Beamforming	Supported
Fast roaming（802.11k/v/r）	Supported
MLO	Supported
WPA-PSK	Supported
WPA2-PSK	Supported
WPA	Supported
WPA2	Supported
WPA3-SAE	Supported
Access control	Supported
Adjustable power transmit	Supported
Automatic channel	Supported
AP isolation	Supported
Guest network	Supported
Connected clients control	Supported
RSSI Threshold	Supported
Weak signal terminal elimination	Supported
Prioritize 5 GHz	Supported
VLAN tagging for SSID	Supported
LED control	Supported
MU-MIMO	Supported
Diagnostics tool	Supported
Reboot at specified interval	Supported

Specifications

Software Specifications	
System logs	Supported
Firmware upgrade	Supported
Reset	Supported
Backup configuration	Supported
Restore configuration	Supported
System logs	Supported
Firmware upgrade	Supported
Others	
Management Address	Http://ipcwifi.com or 10.16.16.169
Operation Temperature	-30℃ ~ 60℃
Operating Humidity	10%~90% non-condensing
Storage Temperature	-30℃ ~ 70℃
Storage Humidity	5%~90% non-condensing

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