

IP-COM Pro-6-LR 802.11AX 3000mbps Dual-Band Long Range Access Point

IP-COM World Wide Wireless | **WiFi 6+**

True WiFi 6 AP
IP-COM 802.11 AX 3000Mbps Dual-Band Long Range Access Point
Pro-6-LR

2.4GHz WiFi 6 574 Mbps | Check Email | Web Surfing | View Pictures

5GHz WiFi 6 2402 Mbps | Video Streaming | Printer | File Transfer

Remote Control | UL/DL MU-MIMO | Fast Roaming | High Power

Delhi, India May 19, 2022 ([Issuewire.com](https://www.issuewire.com)) - IP-COM Pro-6-LR is designed based on the new **Wi-Fi 6 technology**. It realizes a **bandwidth of 160 MHz** and a **5 GHz** rate as high as **2.4 Gbps**, a rate three times higher than that of ordinary Wi-Fi 5 APs and two times that of ordinary Wi-Fi 6 APs. The application of such new technologies as OFDMA, spatial multiplexing, and MU-MIMO drives the network capacity of a single Pro-6-LR to 4 times higher. The high-power RF design helps maintain the quality of Wi-Fi signal even over a long distance so that wireless clients and AP can work under the high-performance Wi-Fi 6 mode. Pro-6-LR is a perfect choice for such locations as businesses and hotels to deploy high-performance Wi-Fi networks. ProFi Controller makes it easy to manage and monitor the whole ProFi series in a real-time manner and cloud services enable remote and secure access free from the restrictions of device location. **3 Gbps Wi-Fi, 2.5 times higher rate**

Both the 2.4 GHz and the 5 GHz radio bands support the new Wi-Fi 6 standard and the concurrent Wi-Fi rate is as high as **3 Gbps**, 2.5 times that of the last generation of AP (AC1200).

Higher capacity -

Supporting OFDMA, SR, and MU-MIMO, 802.11ax greatly improves the system capacity compared with the last generation 802.11ac. With the TWT technology, AP can uniformly schedule the waking and sleep of clients, significantly reducing client conflicts and unnecessary wakeups, and therefore is suitable for high-density crowd scenarios where large numbers of clients are deployed.

More than 20% wider Wi-Fi coverage -

With the long OFDM symbol transmission mechanism and 2 MHz narrowband transmissions, the 802.11ax protocol significantly reduces packet loss rate and noise interference and improves the receiving sensitivity of clients. In addition, Pro-6-LR adopts a high-specification RF amplifying circuit, greatly widening the Wi-Fi coverage.

Strong anti-interference capability-

Supporting BSS coloring, dynamic CCA threshold, and power control, the 802.11ax protocol significantly reduces the channel interference in high-density scenarios and improves the utilization rate of spectrum resources, improving the anti-interference capability compared with 802.11ac.

Higher security -

The Wi-Fi 6 AP supports the new-generation WPA3 Wi-Fi encryption protocol. Under the WPA3 encryption protocol, even a simple password cannot be cracked, greatly enhancing the security of Wi-Fi networks.

Intelligent roaming protocol -

Supporting the intelligent roaming technology based on the 802.11kv protocol, Pro-6-LR enables wireless clients to automatically connect to AP with a better signal, effectively enhancing the user experience.

Standard PoE supported, easy installation and deployment -

The efficient components and excellent hardware design guarantee the standard 802.3at power supply to 802.11ax dual-band gigabit AP, making installation and deployment simpler.

Centralized management -

The ProFi Controller makes it easy to manage and monitor the whole ProFi series in a real-time manner and cloud services enable remote and secure access free from the restrictions of device location.

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