

APTEK AP103GP

1-to-3 Gigabit PoE Extender

The **APTEK AP103GP** offers a convenient solution for expanding your PoE connectivity, enabling a 1-to-3 extension for Access Points without requiring an additional power supply. A key feature of the **APTEK AP103GP** is its ability to draw power directly from a PoE switch and simultaneously deliver it to three PoE-powered devices. This simplifies network device connections more than ever, effectively meeting the demands of multiple users.

The **APTEK AP103GP** provides a transmission bandwidth of up to 1 Gigabit, making it ideal for solutions that demand high-speed, broadband data transmission. Additionally, the device integrates a quick toggle switch for the VLAN feature, isolating the PoE Out ports from each other. This significantly enhances the security of your network system.



Features:

- 1 * 10/100/1000Mbps RJ45 PoE In port (Support 802.3af/at)
- 3 * 10/100/1000Mbps RJ45 PoE Out ports
- Whole Power: 30W
- Each port supported by MDI/MDIX auto flip and self-negotiation
- Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode
- Automatically detect PoE devices and supply the power, won't damage the non-PoE devices
- Wall-mount and DIN-Rail design
- Extends both Ethernet data and PoE to an additional 100 meters.

Applications:

- Wireless Access Point
- IP Camera
- IP Phone
- Computer Networks



Specifications:

Model	AP103GP
Ports	1 * Gigabit Ethernet RJ45 PoE In 802.3af/at 3 * Gigabit Ethernet RJ45 PoE Out
Output Power	Max. 24W
Whole Power	Max. 30W
PoE Protocol	IEEE 802.3af/at
PoE Type	End-span
Transmission Distance	100m
Network Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Network Medium	10/100/1000Base-TX: 5 Class and above non shielded twisted pair
Switch Capability	8 Gbps
Forwarding Mode	Store and forward
Forwarding Rate	10Base-T: 14880pps/port 100Base-T: 148800pps/port 1000Base-T: 1488000pps/port
MAC Address	1K
Port Function	Power priority mechanism Fast and forward MAC automatic learning and aging IEEE802.3x for Full-duplex mode and back pressure for Half-duplex mode
LED indicator	Link/Act
Working Environment	-10° ~ 55°C
Size	82mm * 52mm * 44mm (L*W*H)

Topology:

