5GHz 150Mbps Outdoor Wireless Access Point
TL-WA7510N

⊙ Features：

- 5GHz solution ensures less disturbance caused by other 2.4GHz radio devices and more stable connection

- 15dBi directional antennas fit for various environments and boost your signal level

- Weatherproof enclosure and lightning protection terminal integrated

- Supports AP Client Router, AP Router and AP operation mode

- Supports Passive Power over Ethernet

- Supports 15kV ESD Protection
- Supports Antenna Alignment
- Supports Ping Watch Dog and Wireless Speed Test
- Provides WEP, WPA/WPA2, WPA-PSK/WPA2-PSK data security
- Provides external RP-SMA connector for higher gain antenna upgrade
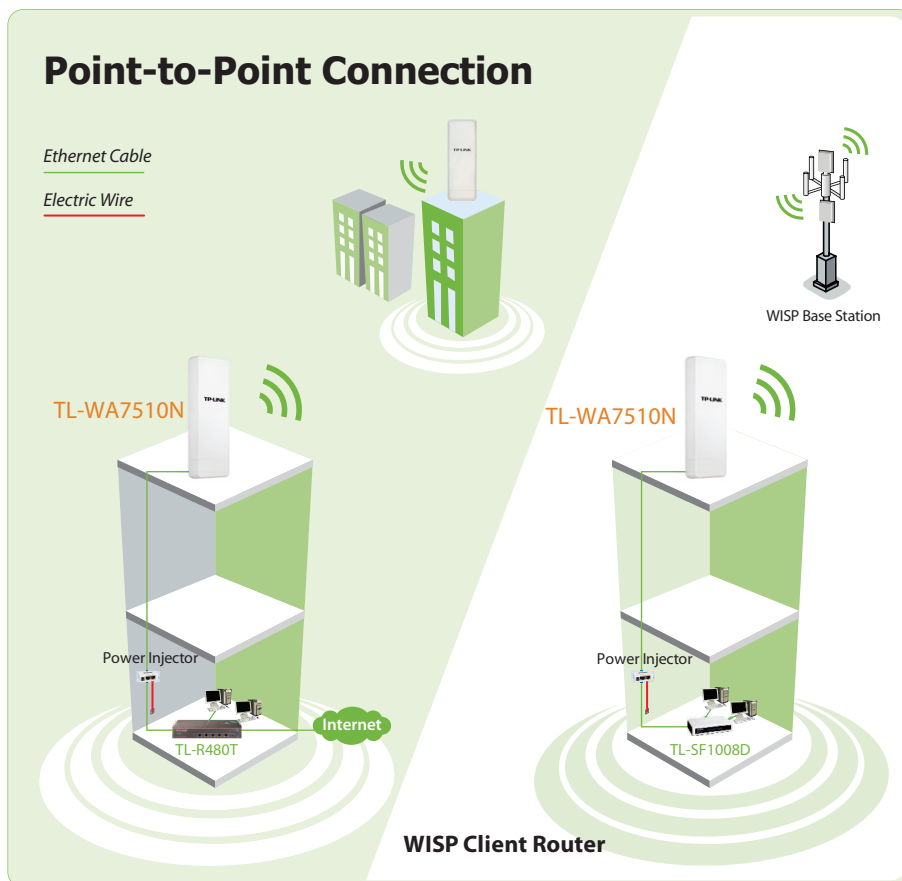
⊙ Description：

The TL-WA7510N 5GHz 150Mbps Outdoor Wireless Access Point is dedicated to WISP solution and long distance wireless network solutions. Complying with IEEE 802.11n and 802.11a, it works at 5GHz, which could effectively avoid wireless disturbance caused by the normal 2.4GHz radio devices. It features 15dBi high gain antenna that can significantly extend the transmission range to deliver a more stable wireless connection.

The TL-WA7510N supports AP Client Router, Bridge, Repeater, AP and AP Router operation modes to enable various wireless applications to give users a more dynamic and comprehensive experience when using their AP.
The TL-WA7510N is easy-to-deploy. Featuring passive power over Ethernet function, it would easily provide up to 60 meters PoE length.

◎ Specifications:

Standards	IEEE 802.11n, IEEE 802.11a
Interface	One 10/100M RJ-45 Port(Auto MDI/MDIX), supporting Passive PoE
Wireless Signal Rates	11n: Up to 150Mbps (Dynamic)
	11a: Up to 54Mbps (Dynamic)
Frequency Range	5.180-5.240GHz, 5.745-5.825GHz
EIRP	<20dBm
Antenna	15dBi Dual-Polarized Antenna
Beamwidth (HPBW)	Horizontal: 60°, Vertical: 15°
Enclosure	Outdoor weatherproof
ESD Protection	15kV ESD Protection
Lightning Protection	4kV Lightning Protection
Power Supply Unit	Input: localized to country of sale
	Output: 12VDC / 1A
Certifications	CE, FCC
Operating Temperature	-30°C~70°C (-22°F~158°F)
Relative Humidity	10% ~ 90%, non-condensing
Dimensions	9.8 x 3.3 x 2.4 in. (250 x 85 x 60.5mm)

◎ Diagram:

Point-to-Point Connection

Ethernet Cable

Electric Wire

WISP Base Station

TL-WA7510N

TL-WA7510N

Power Injector

Power Injector

Internet

TL-R480T

TL-SF1008D

WISP Client Router

Package:

- 5GHz 150Mbps Outdoor Wireless Access Point   TL-WA7510N
- Power Adapter
- RJ-45 Ethernet Cable
- Quick Installation Guide
- Power Injector
- Resource CD
- Plastic Straps

Related Products:

- Load Balance Broadband Router TL-R480T
- 8-port Unmanaged 10/100Mbps Desktop Switch TL-SF1008D

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