



TP-Link TL-WA7510N 5GHz 150Mbps Outdoor Wireless Access Point

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As a long range outdoor wireless device, the TL-WA7510N is designed to provide a WISP connection and long distance wireless networking solution. It operates seamlessly in the 5GHz frequency spectrum and provides wireless data transfer rates of up to 150Mbps. The device also features up to 500mw wireless transmission power and has a built-in 15dBi dual-polarized antenna which provides an efficient way to pick up and maintain a stable signal for a wireless network connection ranging multiple kilometers. Operating on this broader and less crowded band, TL-WA7510N's 5GHz connections effectively ensure that the wireless signal is less likely to be congested and has its own, private path to guarantee stable performance. The TL-WA7510N features a 15dBi dual-polarized antenna, which is a key feature used in building a long-distance Wi-Fi connection. It is designed with signal transmission covering 60 degrees on a horizontal plane and 14 degrees on a vertical plane, improving signal strength in a concentrated direction. With wireless transmission power of up to 500mw, TL-WA7510N produces a powerful, robust signal to overcome long distances. The signal can also be adjusted to high or low levels to be applied in various applications, including point-to-point or point-to-multiple-point remote solutions.

TL-WA7510N is designed to work in harsh environments, even in the some of the world's most hostile climactic conditions. With its outdoor weatherproof enclosure and high/low temperature endurance (-30C~70C) internal hardware, the AP can continue operating in various weather conditions, in sunshine or rainfall, wind and snow. The device's built-in 15KV ESD and 4000V lightning protection design prevents storm/lightning surges and ensures reliable operation. Additionally, TL-WA7510N's grounding terminal provides a more professional level of protection for some expert users. The device is not limited to its default access point (AP) mode. The TL-WA7510N also supports AP Client Router (WISP Client), AP Router, Bridge, Repeater and Client modes, providing various wireless operating modes to accommodate as many applications as possible, to give users a more dynamic and comprehensive experience when using their AP. Powered by a Passive PoE Injector, the Outdoor AP can use an Ethernet cable to simultaneously send data and electricity wherever the AP may be located, as far as 200 feet away. This feature multiplies deployment options, allowing you to place the AP in a position that is most convenient to get the best signal possible, such as on the wall or the ceiling of your office.

Barcode	6935364051723
Network Speeds Supported	10/100Mbps
RF Network Standard	IEEE 802.11a/n
Frequency Band	5GHz
Antenna Type	15dBi Dual-Polarized Directional Antenna
LAN Ports	1 x RJ-45
Operating Systems Supported	Microsoft Windows 98SE, NT, 2000, XP, Vista or Windows 7, MAC OS, NetWare, UNIX or Linux
Power over Ethernet (PoE)	Yes
In The Box	TL-WA7510N Power Supply Unit Power Injector Resource CD Quick Installation Guide
Dimensions	16.5cm (W) x 10.8cm (D) x 2.8cm (H)



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Features

* 5GHz solution ensures fewer disturbances caused by other 2.4GHz radio devices and more stable



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- * High output transmission power and reception sensitivity optimized
- * 15dBi directional antenna fit for various environments and boost your signal level
- * Weatherproof enclosure and lightning protection terminal integrated
- * Supports AP Client Router (WISP Client), AP Router and AP operation mode
- * Distance Adjustment for long range transmission
- * Supports Passive Power over Ethernet
- * Supports 15kV ESD Protection
- * Supports 4000V Lightning Protection
- * Supports Antenna Alignment
- * Supports Ping Watch Dog and Wireless Speed Test
- * Supports Layer 2 User Isolation
- * Provides throughput monitor indicating the current wireless throughput
- * Provides WEP, WPA/WPA2, WPA-PSK/WPA2-PSK data security
- * Provides external RP-SMA connector for higher gain antenna upgrade

Specification

General

As a long range outdoor wireless device, the TL-WA7510N is designed to provide a WISP connection and long distance wireless networking solution. It operates seamlessly in the 5GHz frequency spectrum and provides wireless data transfer rates of up to 150Mbps. The device also features up to 500mw wireless transmission power and has a built-in 15dBi dual-polarized antenna which provides an efficient way to pick up and maintain a stable signal for a wireless network connection ranging multiple kilometers. Operating on this broader and less crowded band, TL-WA7510N's 5GHz connections effectively ensure that the wireless signal is less likely to be congested and has its own, private path to guarantee stable performance. The TL-WA7510N features a 15dBi dual-polarized antenna, which is a key feature used in building a long-distance Wi-Fi connection. It is designed with signal transmission covering 60 degrees on a horizontal plane and 14 degrees on a vertical plane, improving signal strength in a concentrated direction. With wireless transmission power of up to 500mw, TL-WA7510N produces a powerful, robust signal to overcome long distances. The signal can also be adjusted to high or low levels to be applied in various applications, including point-to-point or point-to-multiple-point remote solutions.



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Information

TL-WA7510N is designed to work in harsh environments, even in the some of the world's most hostile climactic conditions. With its outdoor weatherproof enclosure and high/low temperature endurance (-30C~70C) internal hardware, the AP can continue operating in various weather conditions, in sunshine or rainfall, wind and snow. The device's built-in 15KV ESD and 4000V lightning protection design prevents storm/lightning surges and ensures reliable operation. Additionally, TL-WA7510N's grounding terminal provides a more professional level of protection for some expert users. The device is not limited to its default access point (AP) mode. The TL-WA7510N also supports AP Client Router (WISP Client), AP Router, Bridge, Repeater and Client modes, providing various wireless operating modes to accommodate as many applications as possible, to give users a more dynamic and comprehensive experience when using their AP. Powered by a Passive PoE Injector, the Outdoor AP can use an Ethernet cable to simultaneously send data and electricity wherever the AP may be located, as far as 200 feet away. This feature multiplies deployment options, allowing you to place the AP in a position that is most convenient to get the best signal possible, such as on the wall or the ceiling of your office.

General

Barcode 6935364051723

Network

Network Speeds Supported 10/100Mbps

Network Protocol Ethernet

Wireless LAN

RF Network Standard IEEE 802.11a/n

Frequency Band 5GHz

Encryption 64/128/152-bit WEP

Speed Options 11a: Up to 54Mbps 11n: Up to 150Mbps

Receive Sensitivity 802.11a: 54M: -77dBm, 48M: -79dBm, 36M: -83dBm, 24M: -86dBm, 18M: -91dBm, 12M: -92dBm, 9M: -93dBm, 6M: -94dBm 802.11n: 150M: -73dBm, 121.5M: -76dBm, 108M: -77dBm, 81M: -81dBm, 54M: -84dBm, 40.5M: -88dBm, 27M: -91dBm, 13.5M: -93dBm

Antenna Type 15dBi Dual-Polarized Directional Antenna

Interfaces Ports

LAN Ports 1 x RJ-45



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System

Security SSID Enable/Disable MAC Address Filter 15KV ESD Protection
4000V Lightning Protection Grounding Terminal Integrated

System Requirements

Operating Systems Supported Microsoft Windows 98SE, NT, 2000, XP, Vista or Windows 7, MAC OS,
NetWare, UNIX or Linux

Compliance

Certifications CE, FCC, RoHS

Electrical

Power over Ethernet (PoE) Yes

Power Adaptor Output Voltage 12VDC

Environmental

Environmental Operating Temperature -30 to 70C - Humidity 10 to 90%

Physical

LED Status Indicators Status LEDs

Case Colour White

In The Box TL-WA7510N Power Supply Unit Power Injector Resource CD Quick
Installation Guide

Dimensions 16.5cm (W) x 10.8cm (D) x 2.8cm (H)



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About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?