



Wireless Carrier Class Solutions

Powered by MikroTik

www.wi-corp.com

Outdoor Long Distance Bridge Turbo link Platinum Series TL-PS



**Full Duplex
LONG DISTANCE
70Mbps BRIDGE**

PLATINUM-SERIES is the flagship product line from WI-CORP. TL-PS is the ideal outdoor wireless Long Distance Bridge for Telco Carriers, and large deployments demanding great processing capacity. Designed from the beginning to give carrier class type services, PLATINUM-SERIES can do long distance links in the toughest environments with outstanding stability.

Equipped with POE port, TL-PS can connect to a hub or to a switch or an access Point without the need to install a router. This represents significant savings on hardware costs.

TURBOLINK PLATINUM-SERIES uses OFDM technology operating in the 5.1/ 5.3/ 5.8/ GHz license bands. Because OFDM/ MIMO can take advantage of reflected RF signals, it is now possible to connect locations you may have thought were inaccessible due to line of sight barriers.

PLATINUM Series come with Router OS L5 power full Point to Multi Point System capable to work at OSI layer7.

Hardware Highlights

- 1.1 GHz/512MRAM
- Engineered for reliability even in the hottest regions of the world
- 108 Mbps RF Mini PCIs
- Die Cast ruggedized

CCLASS Super Range Software

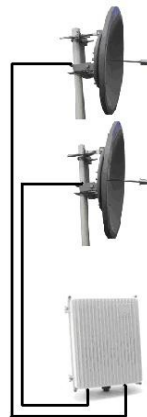
- Transparent MAC Layer operation
- VLAN support
- Learning bridge that supports forwarding and filtering
- AES Encryption
- IP Routing
- Spanning Tree Protocol
- TDMA
- **Nstreme- protocol**
- Polling algorithm
- Long Distance throughput
- Super packet Aggregation

Main Radio Features

- Wide Band 5.1-5.3-5.8 GHz support
- Radio link and antenna alignment diagnostics
- AES encryption standard
- **Operating range up to 70 miles.**
- High Power: 28 Dbm
- Dual Antenna links
- **70 Mbps real throughput**
- **WIFI- Nstreme- Compliant**

Main Ethernet Features:

- Gigabit Ethernet
- Power over Ethernet



Platinum Series



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TL-PS Series Specifications

Firmware Features

- Routing RIP 1 / 2, OSPF v2, BGP v4 (equal cost multi-path routing, policy based routing, firewall marked packet routing)
- PPP (ISDN, PPPoE, modem pool)
- AES Encryption
- Bridging- WDS- MESH Topologies
- Stateful Firewall and NAT
- VLAN
- DHCP
- Tunnels (PPTP (VPN), IPIP, EoIP, IPsec)
- IP traffic accounting, firewall actions logging
- Bandwidth Management (per IP / protocol / subnet / port, CBQ, RED, SFQ, byte FIFO, packet FIFO)
- Tools (ping, traceroute, bandwidth test, ping flood, telnet)
- DNS cache
- Web cache
- SNMP
- NTP (Network Time Protocol)
- Remote administration and upgrading
- LONG RANGE- HIGH THROUGHPUT FEATURES: Super packet aggregation

Radio Features

OFDM 802.11.a, b, g

Frequency (User selectable) IEEE 802.11b and g, 2.192- 2.507 GHz

Channels (User selectable) 2.192- 2.507 (5 to 40 Mhz Steps)

Frequency (User selectable) IEEE 802.11a, 5 GHz

Channels (User selectable) 4900- 6100 (5 to 40 Mhz Steps)

Power and sensitivity chart:

5.8 GHz Radio transmit power 28 dBm nominal

5.8 GHz Radio receive sensitivity -94 dBm @ 6 Mb/sec, -74 dBm @ 54 Mb/sec

Hardware Features

- PoE 24 Volts Systems
- 2* Gigabit Ethernet Port
- 1.1 GHz- 512MB RAM
- USB 2.0
- Rugged Die Cast Enclosure
- Operation Temperature Range: -40C to +75C
- Robust ESD/Surge Protection for Industrial Applications
- Dimensions (RF unit) 9" x 7" x 3.5" (25.9 cm x 25.9 cm x 7.9 cm)
- Weight (per RF unit) 3.5 lbs.
- Shipping weight (complete package) Approx. 26 lbs. (standard package)
- Humidity 0% to 100% (Non-immersion rain)
- Wall wart power supply included Yes, 110/240 VAC
- Power design : 24 V Carrier Class Power over Ethernet- Power required (at radio) +15VDC (from included power supply)

Platinum Series

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- Wired Network Interface (at PoE injector) RJ-45 10/100/1000Base-TX
- Certification: Part 15 FCC
- Warranty 1 year depot

More Information: info@wi-corp.com www.wi-corp.com
