



## 4-Port VPN Router

TW100-BRV214 (v1.0R)

The 4-Port VPN Router, model TW100-BRV214, manages up to 80 Virtual Private Network (VPN) tunnels. IPSec, L2TP, and PPTP VPN pass-through sessions are supported and a configurable firewall ensures the highest level of security.

Four Fast Ethernet ports on the back of the router help extend a wired network. Advanced Stateful Packet Inspection (SPI) and Network Address Translation (NAT) encryption protects your digital network. Advanced features include advanced Quality of Service (QoS) controls, Domain filtering, and packet filtering.

## PRODUCT OVERVIEW

- Define up to 80 Virtual Private Network tunnels
- IPSec, L2TP, and PPTP VPN pass-through support
- Advanced firewall protection
- Secure remote management

## FEATURES

- 4 x 10/100 Mbps Auto-MDIX LAN ports
- 1 x 10/100 Mbps WAN port (Internet)
- On / off button
- Compatible with most popular cable / DSL Internet service providers using Dynamic / Static IP, PPPoE, PPTP and L2TP protocols
- Firewall protection with Network Address Translation (NAT), Stateful Packet Inspection (SPI), and Denial of Service (DoS) prevention
- Supports up to 80\* PPTP / L2TP / IPsec tunnels
- Supports up to 100 PPTP / L2TP / IPsec VPN pass through sessions
- Access Control: Virtual Servers, MAC / IP Packet Filters, URL / Keyword Filters, Demilitarized Zone (DMZ) host, and Multi-DMZ
- Set device time using Network Time Protocol (NTP) and define schedules for Virtual Server, Packet Filters, and Quality of Service (QoS)
- Quality of Service (QoS) traffic prioritization via IP (TCP/UDP) ports with 3 priority queues
- Universal Plug and Play (UPnP) for auto discovery and support for device configuration of Internet applications
- Supports Internet Group Multicast Protocol IGMPv1/2 pass through for multicast applications
- Supports static and dynamic RIP v1/2 routing
- Dynamic DNS Client for dynamic Internet IP resolution
- Device monitoring using the Internal System Log, External Syslog, E-mail Alert, and SNMPv1/2c
- Local / Remote management via Web browser, upgrade firmware, and backup / restore configuration
- 3- year limited warranty

\* The number of supported concurrent VPN tunnels is dependent upon available bandwidth



## SPECIFICATIONS

### HARDWARE

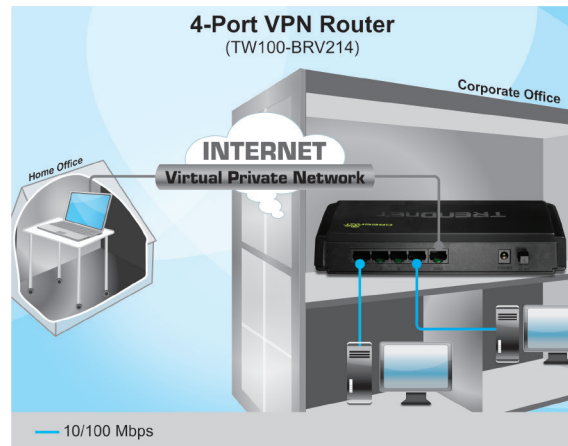
<b>Standards</b>	<ul style="list-style-type: none"><li>• IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX)</li></ul>
<b>WAN</b>	<ul style="list-style-type: none"><li>• 1 x 10/100 Mbps Auto-MDIX port (Internet)</li></ul>
<b>LAN</b>	<ul style="list-style-type: none"><li>• 4 x 10/100 Mbps Auto-MDIX ports</li></ul>
<b>Power Switch</b>	<ul style="list-style-type: none"><li>• On / off power switch</li></ul>
<b>Reset Button</b>	<ul style="list-style-type: none"><li>• Reset button - Factory Default (Hold for 20 seconds)</li></ul>
<b>Connection Type</b>	<ul style="list-style-type: none"><li>• Dynamic IP, Static (fixed) IP, PPPoE, PPTP, L2TP</li></ul>
<b>Firewall</b>	<ul style="list-style-type: none"><li>• NAT, SPI, and DoS prevention</li></ul>
<b>VPN</b>	<ul style="list-style-type: none"><li>• IPsec / PPTP / L2TP– Up to 80* tunnels</li><li>• PPTP / L2TP Server and Client – Define up to 5 user accounts each (multiple logins per account)</li><li>• IPsec / L2TP / PPTP VPN pass through – Up to 100 sessions</li></ul>
<b>IPsec VPN Protocols</b>	<ul style="list-style-type: none"><li>• Encryption (DES, 3DES, AES-128/192/256 bit)</li><li>• Authentication (MD5, SHA1)</li><li>• DH / PFS Groups (1-18)</li><li>• Key Management (Manual/IKE)</li><li>• Preshared Key (PSK)</li><li>• Encapsulation (ESP, AH, ESP+AH)</li><li>• Mode (Main/Aggressive)</li><li>• NAT Traversal</li><li>• NetBIOS over IPsec</li><li>• XAUTH</li><li>• Keep-Alive</li><li>• Dead Peer Detection (DPD)</li><li>• Local / Remote ID (FQDN, E-Mail, Key ID)</li></ul>
<b>PPTP / L2TP VPN Protocols</b>	<ul style="list-style-type: none"><li>• Authentication (PAP, CHAP, MS-CHAP v1/2), Encryption (MPPE-40/56/128 bit)</li></ul>
<b>Access Control</b>	<ul style="list-style-type: none"><li>• Virtual Servers, Packet MAC / IP Packet Filters, URL / Keyword Filters, DMZ host, Multi-DMZ, UPnP, and IGMPv1/2 pass through</li></ul>
<b>Time / Schedule</b>	<ul style="list-style-type: none"><li>• Set time via NTP or manually and define schedules: virtual server, packet filters, and QoS</li></ul>
<b>Routing</b>	<ul style="list-style-type: none"><li>• Static and Dynamic RIP v1/2</li></ul>
<b>Quality of Service</b>	<ul style="list-style-type: none"><li>• Service-Based IP (TCP/UDP) port with 3 priority queues (High, Normal, Low)</li></ul>
<b>Management / Monitoring</b>	<ul style="list-style-type: none"><li>• Local / remote configuration, upgrade firmware, backup / restore configuration via Web browser</li><li>• Internal System Log, Syslog, E-Mail Alert, SNMPv1/v2c, Ping Test Tool, and Wake-on-LAN (WoL)</li></ul>
<b>LED Indicator</b>	<ul style="list-style-type: none"><li>• Status, LAN1~LAN4, WAN (Internet)</li></ul>
<b>Power</b>	<ul style="list-style-type: none"><li>• Input: 100~240V AC, 50~60Hz</li><li>• Output: 12V DC, 1A</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• 4.08 watts (max)</li></ul>
<b>Dimension (L x W x H)</b>	<ul style="list-style-type: none"><li>• 189 x 118 x 33 mm (7.4 x 4.6 x 1.3 in)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 249 g (8.8 oz)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operation: 0°~ 40°C (32°F~ 104°F)</li><li>• Storage: -10°~ 90°C (14°F~158°F)</li></ul>
<b>Humidity</b>	<ul style="list-style-type: none"><li>• Max 95% (non-condensing)</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• CE, FCC</li></ul>

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ROUTERS

## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

TW100-BRV214

Multi-Language Quick Installation Guide

CD-ROM (User's Guide)

Network cable (1.5 m / 5 ft.)

Power adapter (12V DC, 1A)

## RELATED PRODUCTS

TW100-BRF214	4-Port Fast Ethernet Firewall Router
TL2-E284	24-Port 10/100 Mbps Layer 2 Switch w/ 4 Gigabit Ports and 2 Shared Mini-GBIC Slots Shared Mini-GBIC Slots
TL2-G244	24-Port Gigabit Layer 2 Switch w/ 4 Shared Mini-GBIC Slots

## CONTACT INFORMATION

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