

TPG R33 SERIES SHDSL ROUTERS



TPG R33-2W Series Router

The TPG R33 Series Access Routers are a new generation fixed-port product for small-sized enterprises and branch offices. It features enhanced security, superior reliability and advanced QoS services.

TPG R33-2W and TPG R33-4W Series Routers are SHDSL routers intended to provide high bandwidth, advanced security features and superior performance to the small-sized enterprises and branch offices.

The TPG Router, offers fixed SHDSL interfaces and a four-port fast Ethernet LAN switch . The difference between TPG R33-2W and TPG R33-4W is the TPG R33-2W provides two wire G.SHDSL (from 192k to 2048k), while TPG R33-4W provides four wire G.SHDSL (from 384k to 4096k). TPG R33-2W and TPG R33-4W have the same functionality.

TPG R33-4W Series Router



Key Benefits

Diverse and Flexible Interface

TPG R33 Series SHDSL Routers have an integrated SHDSL WAN port and four-port fast Ethernet LAN switch.

Powerful Packet Forwarding Capability

Advanced CPU technology, and a highly effective, real time multi-task operating system are used to substantially enhance its capability to process packets. Users can take advantage of wire-speed SHDSL technology for high speed access to services.

Fully Featured Product

TPG R33-2W and TPG R33-4W Series Routers can support services such as AAA, firewall, ASPF (Application Specific Packet Filtering), IKE, IPSec, GRE, NAT, L2TP, PPPoE, DHCP, etc.

Quality of Service

TPG R33-2W and TPG R33-4W Series Routers feature full QoS features to support prioritisation of different traffic types such as voice and video.

Specifications

Product features, Software specifications of TPG R33-2W AND R33-4W Series Router

Data Link Layer Protocols	Ethernet, PPPoE Server / Client, DCC, PPP, MP, ATM, IPoA, IPoEoA, PPPoA, PPPoEoA
Network Layer Protocols	IP, IPX, ICMP, IP Fast Switch, DLSw, DHCP Client / Server / Relay, ARP, Proxy ARP
Routing Protocols	Static Routing, OSPF, RIP v1 / v2, BGP, Policy Routing, IGMP, PIM-SM, PIM-DM, MSDP
Application Layer Protocols	Telnet, SSH, FTP Server / Client, TFTP, File system, NTP, Configuration function, SNMP, RMON
Security Characteristics	AAA, RADIUS, Huawei-TACACS, Firewall, ASPF, NAT, ACL, L2TP, GRE, IPSec, IKE, PKI
QoS	RED/WRED, CAR, GTS, LR, PQ, CQ, WFQ, CBO, RTPQ, LLO
Reliability Functions	VRRP, Back-up Center

Hardware

Hardware specifications of TPG R33-2W AND TPG R33-4W Series Router

Description	R33-2W	R33-4W
Interfaces	One G.SHDSL Interface (two wire)	One G.SHDSL Interface (four wire)
	Four 10/100M Ethernet Interfaces, One Console Port	
SDRAM	64MB	
Flash	8MB	
Max. Power Consumption	10W	
Power Supply Module (External)	Input: Rated Voltage: 100-240V AC; 50/60Hz; Current: < 0.5A	
	Output: Voltage: 12V DC; Current: < 1A	
Dimensions (WxHxD)	300 x 180 x 45mm (Maximum dimensions)	
Weight	1kg	
Operating Temperature	0°C to 40°C	
Operating Humidity	10% to 90%, non-condensing	

Safety and Compliance

Emissions / Agency Approvals

CISPR22 (1997) Class B
ETSI EN300 386 Class B
EN 61000-3-2

Immunity

Product conforms to:
IEC61000-4-3 (1995) Class A
ETSI EN300 386 V1.3.1(2001) Class A
IEC1000-4-6 (1996) Class A
ETSI EN300 386 V1.3.1(2001) Class A

Safety Agency Certifications

Insulation (indoor / outdoor) IEC60950
Dielectrical Strength (indoor / outdoor)
IEC60950
Leakage Current (indoor / outdoor)
IEC60950
Construction inspection (indoor / outdoor)
IEC60950
Fire resistance (indoor / outdoor)
IEC60950

MTBF

R33: 60 years (525,600 hours)
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