

SMB Broadband Router TL-R480T



- Provides feature-rich solution for small and medium business and Internet cafe
- IP and port based QoS, it enables your streaming multimedia, Video Teleconferencing, gaming etc. with high performance
- IP and MAC Address binding limits the ability of hostile entities to attack the network
- Supports access control based on time of day

Discription:

TL-R480T provides a cost-effective solution for the small and medium business and Internet cafe. Connecting the router with your ISP allows all computers in your office to share the Internet at simultaneously. QoS settings optimize network resource bandwidth and simultaneous sessions can be limited depending on preference and P2P software is easier than ever before. These routers also feature intensive security with MAC and IP address blinding making ARP assaults nearly impossible.

• IP and Port Based QoS

Quality of service is the ability to provide different priority to different applications, users, or data flows, or to guarantee a certain level of performance to a data flow. Quality of service guarantees are important if the network capacity is insufficient, especially for real-time streaming multimedia applications such as voice over IP and IP-TV. TL-R480T supports IP and port based QoS, it enables your streaming multimedia, video teleconferencing, gaming etc. with high performance.

• IP and MAC Address binding efficiently avoids network attack

IP and MAC Address binding ensure that only those computers that pass verification using both the correct IP and MAC address

can access the network thereby limiting the ability of hostile entities to attack the network. It protects your network from ARP attacks, man-in-the-middle attacks and IP spoofing.

• Strong firewall forcefully prevents attacks from intruders and viruses

TL-R480T provides strong attack and defense function and supports internal and external attack precaution. It is especially effective in the prevention of DoS Attacks----ICMP Flood, UDP Flood, SYN Flood, Ping of Death, WinNuke, Land Attack etc. and guarantees long and stable operation for Internet cafes/SMB (Small and Medium Business).

• WAN interface online detecting and testing

WAN interface online detecting and testing is to inspect the connectivity of lines through PING detecting or DNS request, and it is of great help for administrators to check and rule out the barriers and mistakes. Online detecting checks the responding speed of WAN port of router through ICMP, TCP and UDP. It keeps updated as to the working state and lines of the router and is helpful for remote management and maintenance of equipment.

Features:

- Shares data and Internet access for Stations, connecting Internet through PPPoE on demand and disconnecting when idle
- Supports TCP/IP, PPPoE, DHCP, ICMP, NAT, SNTP
- Built-in DHCP server supporting static IP address distributing
- Built-in firewall supporting IP address filtering, Domain Name filtering, and MAC address filtering
- Supports Port Bandwidth Control, Port Mirror, Port-based VLAN for LAN ports
- Supports Virtual Server, Special Application, and DMZ host
- Supports UPnP, Dynamic DNS, Static Routing, VPN pass-through
- Supports connecting/disconnecting Internet on a specified time of day
- Supports access control based on time of day, parents and network administrators can establish restricted access policies for children or staffs
- Supports IP and MAC address binding
- Supports IP and Port based QoS settings
- Supports connection session control to restrict the abuse of bandwidth
- Supports Flow Statistics
- Supports ICMP-FLOOD, UDP-FLOOD, TCP-SYN-FLOOD filter
- Supports web-based firmware upgrade
- Supports Remote and Web based management
- Desktop or rack-mountable steel case

Specifications:

Product Specification		
Model	TL-R480T SMB Broadband Router	
Solution	Intel IXP Network Processor, Multi-CPU distributed processing, main frequency up to 266MHz	
Ports	LAN	4 10/100M Auto-Negotiation RJ45 ports (Auto MDI/MDIX)
	WAN	1 10/100M Auto-Negotiation RJ45 port (Auto MDI/MDIX)
		1 Console (RS232 DB9 Male)
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DNS	
Basic Function		DHCP Client and Server
		MAC Address Modify/Clone
		VPN Pass-through
		Static Routing
		Dynamic DNS
Port Settings		Port-based VLAN
		Port Mirroring
		Flow Statistics
		LAN and WAN Port Setting
Packet Control		
QoS		IP and Port bandwidth control
		IP Connection Session Control
		Connection Session List
Forwarding Rules		Virtual Server
		Special Application
		DMZ Host
		UPnP
Security		
Firewall Function		IP Address Filtering
		MAC Address Filtering
		Domain Name Filtering
		IP/MAC Address Binding
		Ignore Ping Packet From WAN Port
		DoS, Scan Protection
		IP Packets Containing Options
		Suspicious Package Detection
System Function		Remote Management
		System Log
		Configuration File Uploading and Downloading
		Web based Upgrade
	HTTPS Configuration	

Electrical & Emissions Summary

Power and Consumption	Input: 100-240VAC, 50/60Hz
	Consumption: 4.1W (Max)
Emissions	CE, FCC
Safety	RoHS
Physical Specifications	
Dimensions (W*D*H)	11.6*7.1*1.7 in. (294*180*44 mm)
Weight	2.8KG
Temperature	Operating: 0°C~40°C (32°F~104°F)
	Storage: -40°C~70°C (-40°F~158°F)
Humidity	Operating: 10%~90% non-condensing
	Storage: 5%~90% non-condensing

Topology Diagram:

