



ER518

Business VPN Router

Highlights

- **2 x 10/100M WAN ports, 3 x 10/100M LAN ports by default**
- **Configurable to at most 4 x WAN ports or 4 x LAN ports**
- **Load Balance, Backup and Failover**
- **Flexible Bandwidth Management to Improve Network Performance**
- **Personalized Internet Access Control and Firewall**
- **5 x IPSec/PPTP VPN**
- **User-friendly and Intuitive Web GUI**

Overview

The UTT ER518 Business VPN Router (hereinafter referred to as “ER518”) provides enterprise-level, highly secure and reliable connectivity to the Internet for small offices.

ER518 has 2 x 10/100Mbps Ethernet WAN ports and 3 x 10/100Mbps Ethernet LAN ports, which will offer multiple choices for ISP connections and real-time backup and failover and load balance. Ports can be configured to at most 4 x WAN ports + 1 x LAN port, or 4 x LAN ports + 1 x WAN port.

ER518 supports smart QoS, which automatically allocates reasonable bandwidth, making sure users can download movies and play video games at the same time. It also supports various VPN functions such as IPSec and PPTP that can be easily established.

Features

Load Balance, Backup and Failover

ER518 supports load balance and real-time failover. When two or more Internet connections are set up, one can set as the primary connection and the other one as the backup connection. The connections can also be set in load balancing mode, which means the device will distribute the connection according to different IP address or NAT session. Furthermore, it also supports policy-based routing of different ISPs.

Flexible Bandwidth

This very unique feature can optimize bandwidth for maximum network performance with only two steps: 1) enable this function, and 2) set up a specific bandwidth for each Internet connection.

Flexible bandwidth will guarantee the webpage browse and essential network applications.

1. Adjust the bandwidth for users and applications flexibly, improve the real-time network performance, and recognize different application accurately.
2. Supports priority queues to ensure smooth transmission of applications which require large bandwidth.
3. Improved network performance will solve network congestion and unreasonable bandwidth allocation.

4. Reasonable network traffic distribution, optimized bandwidth utilization, stable, fast, safe and efficient network environment.

Internet Access Control

ER518 provides customizable Internet access control. Users can implement unique access policies for different devices/accounts.

ER518 supports domain name filtering. Users can either block websites or only allow websites.

ER518 supports IP/MAC address binding, invalid IP address, MAC address filtering and easy blacklist/whitelist setting.

ER518 supports binding all the dynamic IP/MAC entries with only one-click operation.

VPN

ER518 supports up to 5 IPSec/PPTP VPN tunnels. Users can setup site-to-site or client-to-site VPN via dynamic IP address or domain names.

Configuration and Management

ER518 offers an intuitive web interface which delivers an easy-to-use user experience with rich functions. It supports easy management, which will guide users to finish the initial configuration step by step.

System Status, Host List and Flow Statistics deliver a convenient platform to

trap and remove network faults.

Specifications	Description
Network	
LAN	3 x 10/100 Mbps Fast Ethernet ports (Auto-negotiation, auto MDI/MDIX)
WAN	2 x 10/100 Mbps Fast Ethernet ports (Auto-negotiation, auto MDI/MDIX)
Configurable Ports	Can be configured to at most 4 x WAN ports + 1 x LAN port or 4 X LAN ports + 1 x WAN port
Internet Connection Type	Static IP, DHCP and PPPoE
Network Address Translation	Port Address Translation(PAT), Network Address Port Translation (NAPT), UPnP
Routing Protocols	Static routing
DMZ	Yes
DDNS	No-IP, DynDNS
DHCP Server	Yes
PPPoE Server	Yes
VPN	
Max. Concurrent/Configured VPN Tunnels	5/5
IPSec VPN	Gateway-to-gateway IPSec tunnels
PPTP VPN	Gateway-to-gateway PPTP tunnels Client-to-gateway PPTP tunnels
Security	
Firewall	ARP spoofing Port scanning DDoS/DoS attack UDP, ICMP, SYN Flood attack
Access Control	MAC address filter Whitelist Blacklist One-click filtering of address
Packet Filtering	Packet filtering based on IP address, protocol, port
Content Filtering	Filtering on URL, key words and DNS on application layer
Web Authentication	Yes

IP/MAC binding	Yes
QoS(Quality of Service)	
Rate Limiting	Fixed rate limiting Flexible bandwidth control
Session Limiting	Limitation on maximum NAT sessions
Management	
Management Protocols	HTTP(Web GUI)
Event Logging	Local
Notification	Yes
Internet Application Audit	Yes
Upgradability	Firmware upgradable through web browser, imported/exported configuration file
System Time	Supports SNTP, Day Light Savings, Manual entry
Languages	English
Physical Specifications	
Dimensions	7.9 x 4.9 x 1.1 in.(200 x 125 x 28mm)
Weight	1.1lb or 0.5kg
Installation	Desktop
Ports	LAN, WAN
Buttons	Reset
LEDs	Power, SYS, Link/Act
Power	DC 12V 500mA
Power Consumption	6W
Operating Temperature	0 to 40 C (32 to 104 F)
Operating Altitude	0 to 4000m
Operating Humidity	10 to 90 percent noncondensing

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