



DATASHEET

Advanced 6-Port Gigabit VPN Network Router

Model: ER-6

Sophisticated Routing Features

Advanced Security, Monitoring, and Management

High-Performance Gigabit Ports

Overview

The ER-6 business router provides enterprise-level, highly secure and reliable connectivity to the Internet for small and medium branches. Supports one-click flow control and manual flow control. Professional gateway device based on DPI seven-layer flow control. Built-in high-performance processor suitable for deployment of large-scale commercial scenarios.

It integrates functions such as broadband routing, firewalls, switches, VPNs, traffic management and monitoring, and intranet security, etc. With simple configuration and being easy to use.

Front Panel

Back Panel



Model Comparison Chart

	ER-5	ER-6
Application Scenario	Over 120 Terminals	300 Terminals
Gigabit RJ45 Ports	5	6
USB 3.0 Ports	1	2
Memory	4 GB	2 GB
Flash	2 GB	16 GB
Max. Power Consumption	30 W	25 W

Product Specifications

Table 1- Hardware Specifications

Model: ER-6	
Dimensions	440 x 255 x 44 mm (17.32 x 10.04 x 1.73 in)
Weight	3450 g (121.7 oz)
Max. Power Consumption	25 W
Power Input	100-240VAC
RAM	2Gbit DDR3
Flash	16GB
Network Interface	6 gigabit adaptive ports
USB	Two Standard USB 3.0
Reset	One software reset button tact switch
LED	1 for Power/1 for status
Number of reference concurrent machine	300
Maximum concurrent connections	1,010,000
AP management quantity	Without limitation
Chassis type	Metal shell
Operating Temperature	0°C-40°C (32 to 104° F)
Operating Humidity	5-95% Noncondensing
Storage Temperature	-20°C-65°C (4° F to 149° F), 5%-95% Noncondensing

Table 2- Software Specifications

Description	Specification
System Settings	<ul style="list-style-type: none"> ➤ Basic Settings ➤ System Status ➤ Service Account ➤ Security Settings ➤ Upgrade and Backup ➤ Restart and Shutdown
Network Settings	<ul style="list-style-type: none"> ➤ Intranet Settings ➤ External Network Settings ➤ DNS Settings ➤ Shunt Settings ➤ Multi-line Load ➤ DHCP Settings ➤ Static Route ➤ VLAN Settings
AC Intelligent Control	<ul style="list-style-type: none"> ➤ Configuration Management ➤ AP Online User ➤ AP Peripheral Channel ➤ AP Interference Analysis ➤ AP System Upgrade
Authentication and accounting	<ul style="list-style-type: none"> ➤ Certified User Management ➤ Certification Service Management ➤ Certified Account Management ➤ Notification Push ➤ Service Center ➤ URL Control ➤ Dynamic Domain Name ➤ NAT Forwarding ➤ Port Mapping ➤ UPnP Settings ➤ VPN Service ➤ Port Mirroring ➤ Health Services ➤ Video Cache ➤ SNMP

Description	Specification
Firewalls	<ul style="list-style-type: none">➤ ACL Rule➤ ARP Binding➤ Advanced settings➤ Connection limit
Behavior Management	<ul style="list-style-type: none">➤ Behavior Management Settings➤ MAC Access Control➤ Web Site Navigation Control➤ Application Protocol Control➤ Secondary Routing Control➤ Behavior Record➤ One-click Prohibition of Websites
Log Center	<ul style="list-style-type: none">➤ User Logs➤ Function Log➤ System Log
System Tool	<ul style="list-style-type: none">➤ PING Test➤ Route Tracking➤ Subnet Conversion➤ Intranet DHCP Detection➤ External Network Detection➤ Wake on LAN➤ Route Check➤ Line Speed Measurement➤ Format the Hard Disk

Primary Features and Benefits

- Reliable Gateway performance features DPI-based (Deep Packet Inspection) traffic shaping.
- All-in-one router offers a robust set of gateway, DPI-based traffic shaping, AC control, portal authentication features, providing capital efficiency by reducing initial installation cost.
- Support VPN, private network for encrypted communication; ensure remote access security.
- Access from multiple external networks is allowed, delivering bandwidth aggregation and load balancing.
- Industry-leading DPI signature database is able to recognize up to 3200 applications, enhancing the efficient application-based routing and optimizing bandwidth usage.
- DPI signature database is updated each week and delivers more accuracy to traffic shaping.
- Integrated smart AC control supports unified management of AP.
- The series enables accurate control based on websites and applications.
- Over 10 portal authentication methods provide uncompromising operational excellence for all types of application scenarios and business requirements.
- The series offers a platform for digital marketing, supporting accurate, fast and customized marketing.
- Powered by FS Cloud, its unified management delivers remote management, simplifying operations and reducing maintenance cost.
- FS innovative IP Separation protect the network from any security threats.
- Built-in high-performance processor suitable for deployment of large-scale commercial scenarios.



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