

# RouteFinder® SOHO

## SOHO Security Appliance



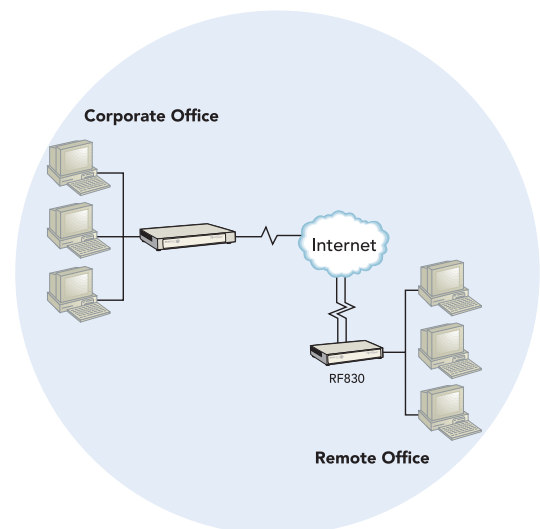
Multi-Tech's RouteFinder® SOHO security appliance is ideal for the small branch office or telecommuter who needs secure access to the corporate LAN. In addition to providing two WAN Ethernet ports for DSL or cable broadband Internet access, it also offers both client-to-LAN and LAN-to-LAN VPN connectivity based on the IPsec or PPTP protocols. The RouteFinder SOHO security appliance provides 168-bit 3DES and AES encryption to ensure that your information remains private. In addition, it offers secure Internet firewall services and 802.11b/g Wi-Fi connectivity.

## Features

- Two WAN Ethernet ports connect to a DSL or cable modem(s)
- Secure 802.11b/g wireless connectivity option (AP model)
- WEP, WPA, WPA2, TKIP and AES wireless security (AP model)
- Supports IPsec VPN tunnels and PPTP tunnels for secure LAN-to-LAN and client-to-LAN access over the Internet
- 3DES and AES encryption
- Dual WAN load balancing
- Internet and VPN failover
- Shared Internet access via PPPoE, DHCP or static IP
- Built-in 4-port 10/100M bps switch
- Stateful Packet Inspection firewall with packet filter rules, DNAT, SNAT and IP MASQUERADE
- Built-in dynamic DNS client
- Supports VPN tunneling using FQDN
- Protects your LAN against Denial of Service (DoS) attacks
- Configuration and management using any web browser
- Internet access control tools provide client and site filtering
- Flash memory for easy updates
- IP address mapping/port forwarding
- Two-year warranty

## Benefits

- Stateful Packet Inspection firewall
- Up to 15 IPsec VPN tunnels
- Wired or Wi-Fi® LAN connectivity
- Broadband connectivity



## Highlights

**Secure VPN Connections.** The RouteFinder SOHO security appliance uses the IPSec or PPTP industry standard protocol, data encryption, and the Internet to provide high-performance, secure VPN connections. For LAN-to-LAN connectivity, the RouteFinder SOHO security appliance utilizes the IPSec protocol to provide up to 15 tunnels with strong 3DES or AES encryption using IKE and PSK key management. For client-to-LAN connectivity, Multi-Tech provides optional IPSec client software allowing road warriors secure access to the company's internal network.

The RouteFinder SOHO security appliance also supports remote users that want to use the PPTP VPN client built into the Windows operating system. This provides 40-bit or 128-bit encryption, user name and password authentication.

**Connect Multiple Users to the Internet with Broadband Speed.**

With the RouteFinder SOHO security appliance, multiple users can share access to the Internet with only one IP account. The WAN Ethernet ports support DSL or cable speeds of up to 20M bps.

**Wi-Fi Connectivity Option.** The RouteFinder SOHO AP models provide secure wireless 802.11b/g high-speed wireless connectivity for even greater flexibility and use. With Wi-Fi Protected Access™ 2 (WPA2), the RouteFinder SOHO security appliance offers the highest available security for wireless traffic. In addition, it engages wireless firewalling to provide control over the communications between the appliance and connecting clients as well as providing your guests and customers with wireless Internet-only access.

**Built-in 10/100 Switch.** The integrated 4-port 10/100M bps switch eliminates the need for an additional hub or switch to connect users not on a LAN. It ensures high-speed transmission and can serve as a completely dedicated full duplex backbone.

**Network Security.** The RouteFinder SOHO appliance provides network layer security utilizing Stateful Packet Inspection, the sophisticated firewall technology found in large enterprise firewalls, to protect the network against intruders and Denial of Service (DoS) attacks. It also uses Network Address Translation (NAT) to hide internal, non-routable IP addresses and allows internal hosts with unregistered IP addresses to function as Internet-reachable servers.

**Dual WAN Load Balancing, Internet and VPN Failover.** The RouteFinder SOHO security appliance has a second WAN port for Internet access. This allows for two separate ISP connections giving administrators the ability to balance traffic by distributing it over the two links. In addition, if one port were to go down, the RouteFinder appliance would automatically re-route all Internet and VPN traffic to the other connection. The second WAN port greatly enhances performance and system uptime.

**Virtual Server Support.** In addition to providing shared Internet access, the RouteFinder SOHO security appliance can support a web, ftp or other Internet servers. Once configured, it only accepts unsolicited IP packets addressed to the web, ftp or other specified servers.

**Dynamic DNS Client.** The RouteFinder SOHO security appliance has a built in Dynamic DNS client that is compatible with DynDNS.org. It automatically sends an update to the DynDNS.org update server if the WAN IP address changes. A registered Dynamic DNS account allows you to host your own web site, mail server, or other services on the Internet without having to obtain a static IP address or keep track of a dynamic IP address. It also aids in creating static-to-dynamic or dynamic-to-dynamic IPSec VPN tunnels. In addition, with a Dynamic DNS account you can establish a PPTP VPN tunnel behind the RouteFinder SOHO security appliance by configuring your PPTP client to connect to yourhostname.dyndns.org instead of a dynamic IP address.

**Fully Qualified Domain Name (FQDN) Feature.** The FQDN featured on the RouteFinder SOHO security appliance allows you to utilize a static name in the IPSec VPN setup, like "branchoffice.dyndns.org", instead of a dynamic IP address, to create static-to-dynamic or dynamic-to-dynamic VPN IPSec tunnels. This allows all of the IPSec VPN connections to act like static-to-static connections. The RouteFinder SOHO security appliance checks the FQDN IPSec configuration every two minutes for IP address changes. If the IP address is different than the last time it checked, it drops the current tunnel and creates a new one. This helps to keep IPSec VPN tunnels readily available with minimal interruptions in data communication.

**Optional VPN Client Software.** Multi-Tech provides easy-to-use IPSec VPN client software that transparently secures Internet communications anytime, anywhere. A 30-day free trial CD is included with the RouteFinder SOHO security appliance.

**Comprehensive Service and Support.** The Multi-Tech commitment to service means we provide a two-year product warranty and service that includes free telephone technical support, 24-hour web site and ftp support.

Features	RF830 / RF830-AP
<b>Appliance</b>	
Ethernet Ports	4 x 10/100BaseT (LAN) 2 x 10/100BaseT (WAN)
802.11b/g Wireless Networking	Yes - RF830-AP
Recommended Network Users	25
<b>Firewall Features</b>	
Stateful Packet Inspection	Yes
Network Address Translation (NAT)	Yes
Filtering (Port Number & IP Address)	Yes
Virtual Server	Yes
Denial of Service Protection (DoS)	Yes
Firewall Throughput	20M bps
<b>VPN Features</b>	
Remote User (Client-to-LAN)	Yes - IPSec & PPTP
Branch Office (LAN-to-LAN)	Yes - IPSec
3DES/AES Encryption	Yes
Encryption Throughput	3M bps
VPN Using FQDN	Yes
Recommended VPN Tunnels (Total)	Up to 15
<b>Other Features</b>	
Web Based (HTTP)	Yes
E-mail Alerts	Yes
Syslog	Yes
Intrusion Logging	Yes
WEP, WPA, WPA2, TKIP, & AES	Yes - RF830-AP
Dual WAN Load Balancing	Yes
Internet/VPN Failover	Yes
Integrated EDGE Modem	No
Integrated CDMA 1xRTT Modem	No
PPPoE	Yes
DHCP Client/Server	Yes
Built-in Dynamic DNS Client	Yes
Multiple Public IP's on WAN	Yes
Warranty	2-years
<b>Specifications</b>	
Power Supply	12 VDC, 1A
Physical Description	9.75" w x 1.5" h x 6.5" d; 2.4 lbs. (24.8 cm x 3.8 cm x 16.5 cm; 1.0 kg.)
Temperature Range	+32° to +120° F (0° to 50° C)
Humidity	25-85% noncondensing
Approvals	FCC Part 15 (Class B), CE Mark, UL 60950

## Ordering Information

Product	Description	Region
RF830*	SOHO Security Appliance	Global

### Ordering Codes

-AP 802.11b/g Access Point

VPN Client Software	Description	Region
RFIPSC2-1	IPSec VPN Client-1 User	Global
RFIPSC2-5	IPSec VPN Client-5 User	Global
RFIPSC2-10	IPSec VPN Client-10 User	Global

\* Specify country when ordering. Use ordering codes for specific build options. Go to [www.multitech.com](http://www.multitech.com) for detailed product model numbers.

Features and specifications are subject to change without notice.

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