IFA 3610

Main Features

- Stateful packet firewall
- Intrusion prevention
- SSL VPN secure connection
- DI/DO support
- Centralized management
- Wide temperature range, up to 70°C (158°F)

Product Overview

The Henge™ industrial firewall series is a fully integrated industrial multi-port firewall router with VPN function. The fully equipped, broadband-capable firewall router offers a stateful packet inspection firewall, denial-of-service(DoS)/distributed denial-of-service(DDoS) protection and intrusion prevention, portscan detection, and real-time alerts. It gives additional protection for machinery and equipment installed on the secure side of the firewall. Equipped with SSL VPN functions, the Henge™ industrial firewall provides a remote access infrastructure to secure connections, and helps machine builder/system integrator to design easily maintained systems. Furthermore, its tough fully-rugged design is ideal for harsh environment application. With wide temperature range up to to 70°C (158°F) degree, it offers reliable communication network in extreme temperature conditions.

Pairing VPN capabilities, the Henge™ industrial firewall series is an ideal endpoint connectivity and security solution for industrial automation, process control, energy and medical instrument remote management application.

Specifications

Network Security
- Stateful Packet Firewall
- Intrusion Prevention
- Multiple Public IPs
- SNMP support
- VoIP/SIP support
- Portscan Detection
- DoS and DDoS Protection
- SYN/ICMP Flood Protection
- DNS Proxy/Routing

Multi-WAN/Failover
- Supports multiple Uplinks/WANs: Ethernet (Static/DHCP), PPPoE, ADSL
- Automatic WAN Uplink Failover
- Monitoring of WAN Uplinks

Traffic shaping
- Bandwidth Management

User Authentication
- Active Directory /NTLM
- LDAP
- Local

Network Address Translation
- Destination NAT
- Incoming Routed Traffic
- One-to-One NAT
- Source NAT (SNAT)
- IPSec NAT Traversal

High Availability
- Hot Standby (active/passive)
- Node Data/Configuration Synchronization

Bridging
- Firewall Stealth Mode
- OSI-layer 2 firewall-function
- Spanning tree
- Unlimited bridges
- Unlimited interfaces per bridge

VPN (Virtual Private Network)
- IPsec
  - Encryption; 3DES, AES 128/256-bit,MD5, SHA1
  - Diffie Hellman (2, 5, 14, 15, 16,17,18)
  - Authentication : Pre-Shared Key, RSA Keys X.509-certificates IKEv1, L2TP

- DPD (Dead Peer Detection)
- NAT-Taversal
- Compression
- PFS (Perfect Forward Secrecy)
- VPN Site-to-site
- VPN Client-to-Site (Road warrior)
- Integrated Certificate Authority
• True SSL/TLS VPN (OpenVPN)
- Encryption; DES, 3DES, AES 128/192/256-bit, CAST5, Blowfish
- Authentication : Pre-Shared Key, X.509-certificates , Certification Authority, and Local
- Support for VPN over HTTPS Proxy (OpenVPN)
- PPTP Passthrough
- VPN Client-to-Site (Road warrior)
- VPN Client for Microsoft Windows, Mac OS X and Linux
- Multiple logins per user
- VPN Failover

Services
• Event notification & handling
• NTP (network time protocol)
• DHCP server
• SNMP server
• DynDNS

Logs and Reports
• Customizable real-time dashboard
• Live Log Viewer (AJAX based)
• Detailed user based web access report
• Network/system/performance statistics
• Rule-based logging settings (firewall rules)
• Syslog : local or remote
• OpenTSA trusted time stamping

Management
• Easy web-based administration (SSL)
• Secure remote SSH/SCP access
• Centralized management (via SSL)

Updates and Backup
• Centralized updates through Henge™ network
• Network
• Scheduled backup
• Encrypted backups via e-mail
• Instant recovery/backup to USB stick

Routing
• Static Routes
• Source-based Routing
• Destination-based Routing
• Policy-based Routing (based on interface, MAC, protocol, or port)

Hardware Specification
• 1 x 10/100/1000 Base-T Ethernet WAN
• 4 x 10/100/1000 Base-T Ethernet LAN
• 1 x USB
• 1 x DI/DO
• RS232/422/485
• microSD 4GB

Physical and Power
• DIN Rail/Wall Mount
• Fanless
• Dimension(HxWxD) : 167x59x140mm
• IP30
• Dual Power Input 24V DC

Environmental Specification
• Operating Temperature : -20℃ - 70℃/-4°F - 158°F
• Storage Temperature : -40℃ - 80℃/-40°F - 176°F
• Humidity: 5% - 95%, non-condensing

Certification
• FCC/CE/RoHS

Package Content
• IFA3610 x 1
• QIG x 1
• Power Input 5.08mm Terminal Block x 2
• DI/DO Termina Block x 1

Ordering information
• **IFA 3610 (P/N : 10IF0361000X0)**