

IFA 1610

CoreFort™ Industry Firewall, 2 ports VPN Router



Main Features

- ♦ Stateful (L4) packet firewall
- ♦ Intrusion prevention (IPS)
- ♦ SSL VPN secure remote access
- ♦ Serial gateway (RS485)
- ♦ Operating temperature range, from 0°C (32°F) up to 60°C (140°F)
- ♦ Compact palm size

Product Overview

The CoreFort™ industry firewall series is a fully integrated industry 2 ports 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 CoreFort™ industry firewall provides a remote access infrastructure to secure connections, and helps machine builder/system integrator to design easily maintained systems. Furthermore, its full-industrial design is ideal for industrial environment application.

Pairing VPN capabilities, the CoreFort™ industry 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 detection/prevention (IDS/IPS)
- ♦ Multiple public IPs
- ♦ SNMP support (V1/V2/V3)
- ♦ VoIP/SIP support
- ♦ Portscan detection
- ♦ DoS and DDoS protection
- ♦ SYN/ICMP flood protection
- ♦ DNS proxy/routing

WAN

- ♦ Supports uplinks/WANs: Ethernet (Static/DHCP), PPPoE

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

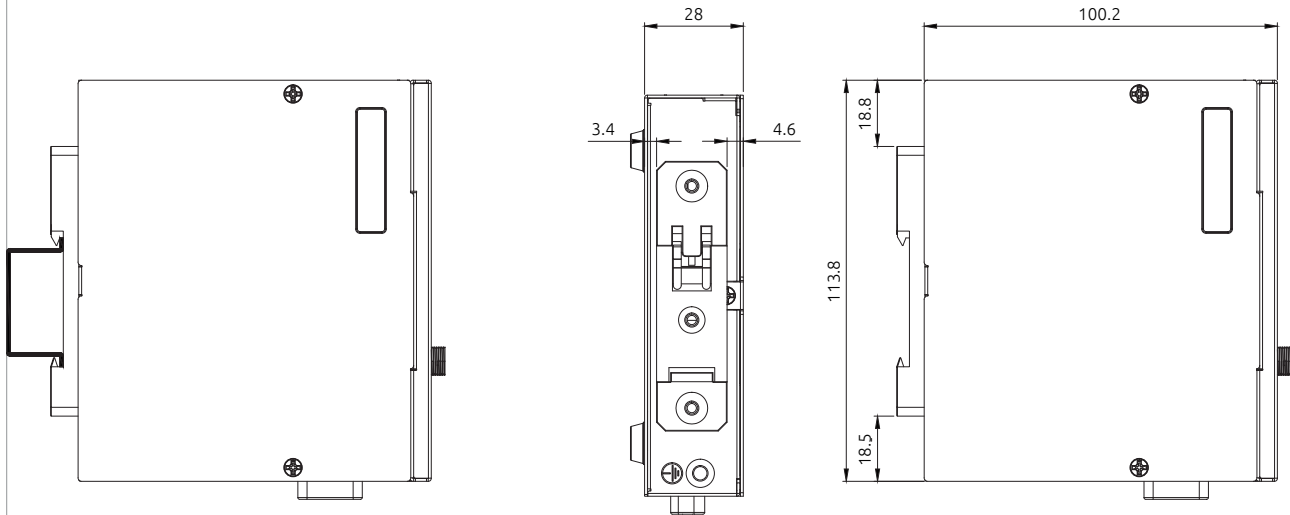
Bridging

- ♦ 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 Traversal
 - Compression
 - PFS (perfect forward secrecy)
 - VPN: site-to-site
 - VPN: client-to-site (road warrior)
 - Integrated certificate authority

Dimension Drawing



- 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: site-to-site
 - VPN: client-to-site (road warrior)
 - VPN client for Microsoft Windows, Mac OS X and Linux
 - Multiple logins per user

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 CoreFort™ network
- Scheduled backup
- Encrypted backups via e-mail
- Instant recovery/backup to USB stick

Hardware Specification

- 1 x 10/100/1000 Base-T Ethernet WAN
- 1 x 10/100/1000 Base-T Ethernet LAN
- 2 x USB
- RS232/422/485
- microSD 4GB

Physical and Power

- DIN rail/wall mount (optional)/desktop
- Fanless
- Dimension(H x W x D): 110 x 25.4 x 100mm
- Weight(G.W. Kg):0.51 Kg
- IP30
- DC Jack/terminal block ,24V DC

Environmental Specification

- Operating temperature 0°C ~ 60°C (32°F ~ 140°F)
- Storage temperature -20°C ~ 70°C (-4°F ~ 158°F)
- Humidity:10% ~ 90%, non-condensing

Certification

- Safety: UL 508
- FCC/CE/RoHS

Package Content

- IFA1610 x 1
- QIG x 1
- Power input 5.08mm terminal block x 1

Ordering Information

- **IFA 1610 (P/N: 10IF0161000X0)**
Industry firewall 2 ports VPN router (3 years service & maintenance)