

Nokia IP Security Solutions

Nokia IP130

The purpose-built and designed Nokia IP130 Security Platform provides the power and features to act as 'the' security gateway or intrusion protection appliance for distributed and small enterprise remote office/branch office users.

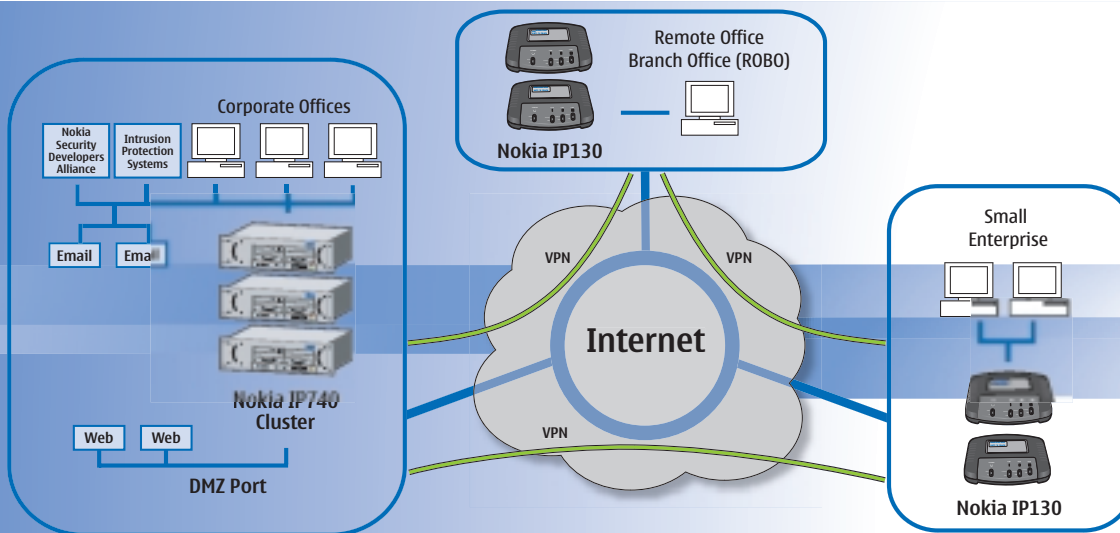
The Nokia IP130 Security Platform combines market-leading security software and the Nokia IPSO™ secure operating system for a secure, reliable and manageable security solution. The Nokia IP130 delivers added capabilities such as VPN Clustering for industry-unique VPN performance scaling with clustered Nokia IP130's that enable transparent tunnel failover for maintaining critical tunnel sessions, therefore delivering the high reliability expected from Nokia products. To deliver best-of-breed security, Nokia works with key technology companies such as Check Point for VPN-1/FireWall-1 security software, Internet Security Systems, the leading software company for intrusion protection, as well as

additional partners through the Nokia Security Developers Alliance.

The Nokia IP130 provides high value through its versatility for dedicated deployment with a variety of security applications. This versatility gives it the ability to be used in various environments such as financial, medical or in other mission critical institutions to protect their distributed and remote branches without compromise at the same level that they protect their corporate headquarters. This security platform is also ideal for small stand-alone enterprise companies needing high reliability, ease of management and good performance at a low Total Cost of Ownership.

The Nokia IP130 provides excellent manageability with Nokia Network Voyager web-based GUI or its Command Line Interface (CLI) as well as support from Nokia Horizon Manager, providing secure robust system management, version control, backup and restore among other capabilities. The Nokia IPSO operating system supports a wide array of protocols such as RADIUS client server, TACACS+ Client and others. The Nokia IP130 further enhances its versatility with the ability to be deployed as either a desktop or wall mount device.

Best of all, security, performance and reliability are all backed by Nokia world-class First Call—Final Resolution global support and services.



NOKIA
CONNECTING PEOPLE

Nokia IP130 at a Glance

The purpose-built and designed Nokia IP130 Security Platform offers the power and features to act as 'the' security gateway or intrusion protection appliance for distributed and small enterprise remote office/branch office users.



Internet Protocol

- IP RFC 791
- ICMP RFC 792
- ARP RFC 826
- ICMP Router Discovery (Server) RFC 1256
- CIDR RFC 1519
- Static Routes
- RIP RFC 1058
- RIP Version 2 (with authentication) RFC 1723
- OSPF RFC 2328
- DVMRP (multicast) RFC 1075
- IGMP (multicast) RFC 2236
- PIM-DM (multicast)
- PIM-SM
- Multicast Tunnels
- IGRP (optional) Cisco
- BGP4 (optional) RFC 1771
- IPv6 core RFCs
- Requirements for IPv4 Routers RFC 1812
- Differentiated Services (EF) RFC 2598
- Bootp/DHCP Relay RFC 2131
- Route Aggregation
- Route Redistribution
- Un-numbered Interfaces

LAN Support

- 10/100 Mbps Ethernet

Statistics

- Firewall Throughput
 - 102 Mbps
- VPN Throughput
 - 13 Mbps 3DES
 - AES Support
- IDS Throughput
 - up to 10 Mbps

Management

- SNMP RFC 1157
- SNMPv2c
- SNMPv3

- Telnet RFC 854
- FTP RFC 959
- SSHv2 (secure Telnet & FTP)
- HTTP Server RFC 2068
- SSL/TLS RFC 2246
- Command Line Utilities
- Supported in Nokia Horizon Manager

High Availability

- VRRP RFC 2338
- FireWall-1 State Sync
- Nokia IP Clustering for VPN-1

Security

- Secure Administrative Access
- Read/Write and Read-Only Access Modes
- SSH (secure Telnet & FTP)
- SSL/TLS (secure HTTP) RFC 2246
- S/Key (one-time password) RFC 1760
- Access Control Lists
- Traffic Management
- MD5 Routing
- Authentication (RIPv2) RFC 1723
- Centralized Authentication
- Native IPSec (for non-firewall applications)

Application Acceleration

- Firewall Flows

System Status Indications

- Power and Fault
- 10/100 Ethernet port status

Environment

- Temperature: 5°C to 40°C
- Humidity: 10% - 90% (non-condensing)
- Altitude: 10,000 ft

Supported Standards

- IPSec (RFCs 2401-2411, 2451)
- PPTP (RFC 2637) Point-to-Point Tunneling Protocol
- L2TP (RFC 2661) Layer 2 Tunneling Protocol
- GRE (RFCs 1701 & 1702) Generic Routing Encapsulation



Nokia IP130

Remote Office, Branch Office
and Small Enterprise

Standard:

3 Integrated 10/100 Ethernet ports
2 Serial ports (auxiliary and console)
256MB RAM

Optional Interfaces:

- None

Hardware:

Height 2.10 in. / 5.33 cm
Depth 8.34 in. / 21.18 cm
Width 9.35 in. / 23.75 cm
Weight 4.5 lbs / 2 Kg
Desktop or wall mountable

Power Requirements:

AC Input Voltage 100-120/
200-240VAC
Frequency 50/60Hz
AC Input Current 0.9A



Safety

- UL1950, CE Mark, CUL/CSA 22.2
NO. 950-M93, IE950, TUV EN60950

Emission Compliance

- FCC Part 15, Class A, EN55022
(CISPR22, Class A) CE Mark

Americas

Tel: 1 877 997 9199

Email: ipsecurity.na@nokia.com

Asia Pacific

Tel: +65 6588 3364

Email: ipsecurity.apac@nokia.com

Europe, Middle East and Africa

France +33 170 708 166

UK +44 161 601 8908

Email: ipsecurity.emea@nokia.com

NOKIA
CONNECTING PEOPLE