IP Network Security Solutions

Nokia IP330

The Nokia IP330 is an optimized, mid-range performance security platform delivering firewall, VPN, and intrusion detection systems to corporate branch offices and small to medium enterprises. The Nokia IP330 is purpose-built for demanding network environments with minimal IT staffing. At one rack unit, the Nokia IP330 provides high security in a package that conserves valuable rack space. The Nokia IP330 comes with three integrated Ethernet ports and one CPCI slot for optional WAN and LAN interfaces. The wide variety of connectivity options include dual port 10/100 Ethernet, high speed ATM, HSSI, and wide area network interfaces such as V.35/X.21, or T1/E1 allowing the IP330 to be easily integrated into any network architecture.

Nokia IP330 at a Glance

Internet Protocol
- IP — RFC791
- ICMP — RFC792
- ARP — RFC826
- ICMP Router Discovery (Server) — RFC1256
- CIDR — RFC1519
- Static Routes
- RIP — RFC1058
- RIP Version 2 (with authentication) — RFC1723
- OSPF — RFC2328
- DVMRP (multicast) — RFC1075
- IGMP (multicast) — RFC2236
- PIM-DM (multicast)
- PIM-SM
- Multicast Tunnels
- IGRP (optional) — Cisco
- BGP4 (optional) — RFC1771
- IPv6 — core RFCs
- Requirements for IPv4 Routers — RFC1812
- Differentiated Services (EF) — RFC2598
- Bootp/DHCP Relay — RFC2131
- Route Aggregation
- Route Redistribution
- Unnumbered Interfaces

LAN Support
- 10/100 Mbps Ethernet

WAN Support
- PPP — RFC1661, 1662
- Frame Relay — FRF.1, RFC1490
- HDLC — Cisco
- ATM
- ISDN BRI
- T1/E1 (optional)
- V.35/X.21 (optional)

Management
- SNMP — RFC1157
- SNMPv2c
- SNMPv3
- Telnet — RFC854
- FTP — RFC959
- SSHv2 (secure Telnet & FTP)
- HTTP Server — RFC2068
- SSL/TLS — RFC2246
- Command Line Utilities
- Supported in Nokia Horizon Manager

High Availability
- VRRP — RFC2338
- FireWall-1 State Sync

Security
- Secure Administrative Access
- Read/Write and Read-Only Access Modes
- SSH (secure Telnet & FTP)
- SSL/TLS (secure HTTP) — RFC2246
- S/Key (one-time password) — RFC1760
- Access Control Lists
- Traffic Management
- MD5 Routing Authentication (RIPv2) — RFC1723
- Centralized Authentication
- Native IPSEC (for non-firewall applications)

Application Acceleration
- Firewall Flows
- VPN Acceleration Card (optional)

System Status
Indications
- 10/100 Ethernet port status

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

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) CEMark

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Standard:
One CPCI Interface Slot
3 Integrated 10/100 Ethernet ports

Optional Interfaces:
- Dual-port 10/100 Ethernet
- T1/E1 with CSU/DSU
- Single-port serial V.35/X.21
- Analog Modem (optional)
- ISDN-BRI (Euro-ISDN)

Height 1.75 in. / 4.5 cm (1RU)
Depth 16 in. / 41 cm
Width 17 in. / 43 cm
Weight 12 lbs. / 5.4 kg
Standard 19-inch rack mountable

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