Nokia IP Security Solutions

Nokia IP350

The Nokia IP350 is a member of the new generation of the successful Nokia IP300 series of IP Security Platforms that are designed with customer needs in mind. The IP350's advanced design brings large enterprise and service provider level serviceability to small and medium enterprise customers. Serviceability features such as a slide out access tray allows instant installation of new cards or more memory without having to unrack the unit. The Nokia IP350 has the connectivity flexibility a network needs with its options mix. This mix includes four integrated and fully routable Ethernet ports or two option slots that can be populated with two WAN cards, allowing for both main and back-up connections.

The Nokia IP350 has been optimized for Check Point™ VPN-1®/FireWall-1® NG and RealSecure® for Nokia with outstanding performance for its price. The IP350 reaches 350 Mbps of secured firewall throughput with high-speed, small-packet performance designed to efficiently support real world mixed traffic situations. As a VPN platform, the IP350 encrypts a 3DES VPN at 60 Mbps out of the box with on-board encryption acceleration. Unlike security offerings that force customers into replacing systems to add features to meet their security needs, the IP350 offers a complete security platform that is flexible, scalable, serviceable and delivers market-leading performance.

Nokia IP350 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
• RIPng	
• 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
• HDLC Cisco	
• ISDN BRI	
• 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
• Integrated VPN Acceleration

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

Nokia IP350

Standard:
4 Integrated 10/100 Ethernet ports
2 Interface Option Slots
2 Type II PCMCIA Slots

SECURED BY
CHECK POINT™

Optional Interfaces:
– Dual-port 10/100 Ethernet
– Single-port serial V.35/X.21
– ISDN-BRI (Euro-ISDN)

Height 1.75 in. / 4.5 cm (1RU)
Depth 16 in. / 41 cm
Width 17 in. / 44 cm
Weight 17lbs. / 7.7 kg
Standard 19-inch rack mountable

ICSA CERTIFIED
WWW.ICSA.NET
Firewall

Power Requirements:
AC Input Voltage 100-120V/200-240VAC
Frequency 50/60Hz
AC Input Current 1.8/1.0A

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