

IP Network Security Solutions

Nokia IP110

For the satellite corporate office that relies on enterprise level security, the Nokia IP110 delivers a compact appliance, tightly integrated with Check Point VPN-1/FireWall-1. The IP110 does not compromise on features and performance. It supports the full implementation of Check Point VPN-1/FireWall-1, a comprehensive suite of IP networking functions, and remote management capabilities. The IP110 comes equipped with three standard 10/100 Ethernet ports, two serial ports (auxiliary and console) and is desktop or wall mountable.

Nokia IP Network Security Solutions at a Glance

IP ROUTER FUNCTIONALITY

IP	RFC791
ICMP	RFC792
ARP	RFC826
Router discovery (Server portion)	RFC1256
CIDR	RFC1519
Unnumbered interfaces support	
IPv6 core features	

BOOTP/DHCP Relay Agent
Route Aggregation
Route Redistribution
Requirements for IPv4 Routers

RFC1812

IP MULTICAST

DVMRP	RFC1075
IGMPv2	RFC2236
Multicast Tunnels	
PIM-DM	

ROUTING PROTOCOLS

RIPv1	RFC1058
RIPv2 (with authentication)	RFC1723
OSPFv2	RFC2328
VRRP	RFC2338
IGRP (optional)	Cisco
BGP4 (optional)	RFC1771
Static Routing	

TRAFFIC MANAGEMENT

Expedited Forwarding (DiffServ)	RFC2598
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HIGH AVAILABILITY/RELIABILITY

VRRP	RFC2338
FireWall-1 Synchronization	
Traffic Management	
Access Control Lists	

APPLICATION ACCELERATION

Firewall Flows

NETWORK MANAGEMENT

Secure Administrative Access	
F-Secure SSH (SecureShell)	
S/Key—one-time password	RFC1760
Voyager Web via HTTP	RFC1945
CLI via Telnet	RFC854
SNMP & SNMP MIB II	RFC1213
SSL/TLS	RFC2246

System Status

Indications
10/100 Ethernet port status
Power and fault status

Environment

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

Emission Compliance

FCC Part 15, Class B, EN55022 (CISPR22, Class B)
CEMark

Safety

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



IP110

Standard:

3 Integrated 10/100 Ethernet ports
2 Serial ports (auxiliary & console)
64MB Memory

Optional Interfaces:

None

Height 2.10 in. / 5.33 cm
Depth 8.34 in. / 21.18 cm
Width 9.35 in. / 23.75 cm
Weight 11.3 oz. / 318 g
Desktop or wall mountable

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CONNECTING PEOPLE

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