

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

IP MULTICAST

DVMRP
IGMPv2
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)

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

NOKIA
CONNECTING PEOPLE

313 Fairchild Drive, Mountain View, CA 94043 Tel: 1 877 997-9199 e-mail: info.ipnetworking_americas@nokia.com

Copyright Nokia Internet Communications Inc. 2001. All rights reserved. Nokia and Nokia Connecting People are registered trademarks of Nokia Corporation.

Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

Nokia operates a policy of continuous development. Therefore we reserve the right to make changes and improvements to any of the products described in this document without prior notice.

Under no circumstances shall Nokia be responsible for any loss of data or income, or any direct, special, incidental, consequential or indirect damages howsoever caused.