



# IP Network Security Solutions

## Nokia IP120

For the satellite or remote corporate office that relies on enterprise level security, the Nokia IP120 delivers a compact firewall/VPN appliance, tightly integrating Check Point™ VPN-1™/FireWall-1® security software. The IP120 supports the full implementation of Check Point security software, a comprehensive suite of IP networking functions, and remote management capabilities. The IP120 comes equipped with 128MB of RAM, three standard 10/100 Ethernet ports, two serial ports (auxiliary and console) and is desktop or wall mountable.

### Safety

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

### Emission Compliance

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

## Nokia IP120 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 core RFCs
- IPv6
- 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

### 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

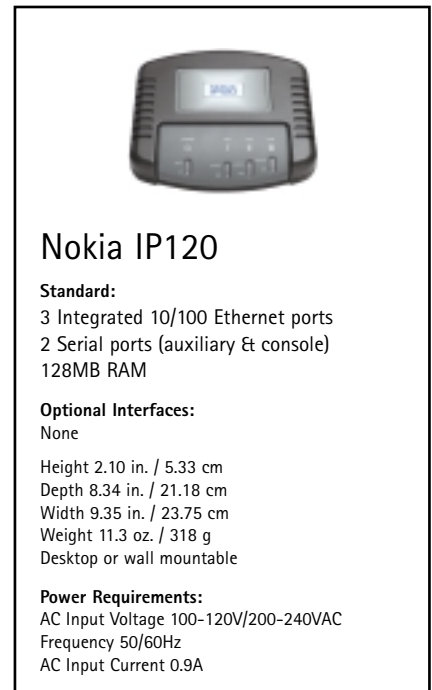
- Firewall Flows

### 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.



## Nokia IP120

### Standard:

- 3 Integrated 10/100 Ethernet ports
- 2 Serial ports (auxiliary & console)
- 128MB RAM

### 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

### Power Requirements:

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

## Nokia Internet Communications

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