

Patton SmartNode SN4971/4E120VR/EUI 4 Port T1/E1 PRI Failover Relay 120 VoIP Channels Gateway



Product Name: Patton SmartNode SN4971/4E120VR/EUI 4 Port T1/E1 PRI Failover Relay 120 VoIP Channels Gateway

Manufacturer: Patton Inalpa

Model Number: SN4971/4E120VR/EUI

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SmartNode 4 T1/E1 PRI VoIP Gateway, 1x GigEthernet, 120 VoIP channels; not upgradeable, Failover Relay, External UI Power, IPv6 ready. The Patton 4971 comes with a High Precision Clock that Delivers DECT PBX interoperability with reliable fax performance.

The Patton SmartNode 4971 120 VoIP Channels 4 Port T1/E1 PRI Failover Relay VoIP Gateway supports every industry-standard CODEC to deliver tollquality voice on every call. The Patton SmartNode 4971 30 VoIP Channels 1 T1/E1 PRI VoIP Gateway can also be upgraded to 30 calls and is a Hi-Capacity, 1 GigEthernet, External UI power Voip Gateway. Patton SmartNode 4971 120 VoIP Channels 4 Port T1/E1 PRI Failover Relay VoIP Gateway Features

- 120 VoIP Channels —with up to four T1/E1/PRI ports and a single Gigabit Ethernet port.
- Proven Interoperability—SIP interop with major IP PBX, Softswitch and VoIP Service Providers. Over 100,000 SmartNode deployments worldwide. ISDN/PSTN compliance in nearly every country.
- Transparent Telephony Features—Complex number manipulation and mapping for seamless integration with existing infrastructures, CLIP, CLIR, hold, transfer and much more.
- High Precision Clock—Delivers DECT PBX interoperability with reliable fax performance.
- Flexible Mounting Options—The device can be placed on a desktop or installed in a 19-inch rack using the optional rack ear kit (INS-KIT-RACKEARS-11/19)

Patton SmartNode 4971 120 VoIP Channels 4 Port T1/E1 PRI Failover Relay VoIP Gateway offers Failover Relay which is PSTN fallback to ensure business continuity in case of a power outage. All SN4971 models include Patton's SIP Survivability Suite which includes PSTN Fallback in the event of a network outage, SIP registrar allowing SIP clients to continue to make calls in the event of a network outage, and dial backup enabling dial-up connection to the PSTN during network and power outages.

Patton SmartNode 4971 120 VoIP Channels 4 Port T1/E1 PRI Failover Relay VoIP Gateway offers a smooth transition to VoIP with strong number portability. This allows you to continue to make and receive calls via the PSTN while your SIP provider is in the sometimes long process of porting your numbers over to SIP. When your numbers are completely SIP based, the SN4971 will dynamically switch to SIP so the transition from POTS to VOIP is seamless and instant.

Patton SmartNode 4971 120 VoIP Channels 4 Port T1/E1 PRI Failover Relay VoIP Gateway Specifications:

PSTN:

- Up to four T1/E1/PRI ports (NE/TE)
- Signaling support (ISDN DSS-1, NI-2, Q.SIG, CAS Robbed bit loop and ground start, E&M, immediate, wink, double wink)
- ISDN AOC/ECT
- ISDN speech, audio & data (Fax Gr 4, UDI 64, RDI64)
- ISDN supplementary services

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- CAS protocols: RBS (Loop start, ground start, E&M wink, intermediate, double-wink) and R2/MFC-R2 (Q.400–Q.490 and Configurable country profiles), fallback-relays on 4 port versions

VoIP:

- SIPv2 (SIP Info, Update, PRACK, Privacy, Refer), B2BUA, H.323v4 (H.235, Early H.245, H.245 tunneling, fast-connect)

Voice Processing:

- Codec G.711 a-law/mu-law, G.723, G.729ab, G.726, G727, T.38 fax relay (9.6 k, 14.4 k)
- G.711 transparent fax and bypass
- 128 ms echo cancellation

Call Routing and Services:

- Regular expression call routing and manipulation
- number blocking
- short-dialing
- digit collection, distribution and hunt groups

Data Interfaces:

- One 10/100/1000 TX Ethernet Port
- Autosensing
- Auto-MDI
- Full-duplex

Management:

- Web/HTTP, CLI with local console & remote Telnet access
- HTTP/TFTP configuration & firmware loading
- SNMP MIB II and product MIB
- SYSLOG
- Secure autoprovisioning for both firmware & unit/subscriber configuration
- Built-in diagnostic tools (trace, debug, call generator)

Power:

- Internal Power: 100–240VAC (50/60 Hz)

Price: £5,374.49
