Patton SmartNode SN4971/1E30V/EUI 1 T1/E1 PRI 30 VoIP Channels Gateway

Product Name: Patton SmartNode SN4971/1E30V/EUI 1 T1/E1 PRI 30 VoIP Channels Gateway
Manufacturer: -
Model Number: SN4971/1E30V/EUI

Please Note: This product has been discontinued. Please see the Patton Inalp range for an alternative.

Patton SmartNode SN4971/1E30V/EUI 1 T1/E1 PRI 30 VoIP Channels Gateway
Hi-Capacity, 1 GigEthernet, External UI power SN4971/1E30V/EUI: 1 T1/E1/PRI, 30 VoIP channels, not upgradeable. The Patton 4971 comes with a High Precision Clock that Delivers DECT PBX interoperability with reliable fax performance.The Patton SmartNode 4971 30 VoIP Channels 1 T1/E1 PRI VoIP Gateway supports every industry-standard CODEC to deliver tollquality voice on every call.

  The Patton SmartNode Gateway series is Microsoft Lync compatible.

The Patton SmartNode 4971 30 VoIP Channels 1 T1/E1 PRI VoIP Gatewaycan also be upgraded to 30 calls and is a Hi-Capacity, 1 GigEthernet,External UI power Voip Gateway. Patton SmartNode 4971 30 VoIP Channels 1 T1/E1 PRI VoIP Gateway Features

ï¿½ 30 VoIP Channels —with up to four T1/E1/PRI ports and a single Gigabit Ethernet port.
ï¿½ 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.
ï¿½ Transparent Telephony Features—Complex number manipulation and mapping for seamless integration with existing infrastructures, CLIP, CLIR, hold, transfer and much more.
ï¿½ High Precision Clock—Delivers DECT PBX interoperability with reliable fax performance.
ï¿½ 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)

VoIP-over-VPN with voice encryption provides secure voice and data via IPsec with AES/DES strong encryption and automated keying via Internet Key Exchange (IKE). In addition, advanced call-router functionality includes least-cost call routing with flexible dialed-number plan support.Patton SmartNode 4971 30 VoIP Channels 1 T1/E1 PRI 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 30 VoIP Channels 1 T1/E1 PRI VoIP Gateway Specifications:
PSTN:

ï¿½ Up to four T1/E1/PRI ports (NE/TE)
ï¿½ Signaling support (ISDN DSS-1, NI-2, Q.SIG, CAS Robbed bit loop and ground start, E&M, immediate, wink, double wink)
ï¿½ ISDN AOC/ECT
ï¿½ ISDN speech, audio & data (Fax Gr 4, UDI 64, RDI64)
ï¿½ ISDN supplementary services
ï¿½ 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

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versions

VoIP:

ï¿½ SIPv2 (SIP Info, Update, PRACK, Privacy, Refer), B2BUA, H.323v4 (H.235, Early H.245, H.245 tunneling, fast-connect)

Voice Processing:

ï¿½ Codec G.711 a-law/mu-law, G.723, G.729ab, G.726, G727, T.38 fax relay (9.6 k, 14.4 k)
ï¿½ G.711 transparent fax and bypass
ï¿½ 128 ms echo cancellation

Call Routing and Services:

ï¿½ Regular expression call routing and manipulation
ï¿½ number blocking
ï¿½ short-dialing
ï¿½ digit collection, distribution and hunt groups

Data Interfaces:

ï¿½ One 10/100/1000 TX Ethernet Port
ï¿½ Autosensing
ï¿½ Auto-MDI
ï¿½ Full-duplex

Management:

ï¿½ Web/HTTP, CLI with local console & remote Telnet access
ï¿½ HTTP/TFTP configuration & firmware loading
ï¿½ SNMP MIB II and product MIB
ï¿½ SYSLOG
ï¿½ Secure autoprovisioning for both firmware & unit/subscriber configuration
ï¿½ Built-in diagnostic tools (trace, debug, call generator)

Power:

ï¿½ Internal Power: 100–240VAC (50/60 Hz)

Price: £2,053.70