

Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls



Product Name: Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls

Manufacturer: Patton Inalp

Model Number: SN4671/4BIS4JS12VF/EUI

Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls; 4 LAN/WAN Ethernet Ports ; SFP, External 100-240 power, high-precision clock

The Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls SN4671/4BIS4JS12VF/EUI offers Broadband Providers flexible combinations of ISDN BRI, analog FXS/FXO, and Ethernet/IP interfaces with G.SHDSL, fiber, or ADSL broadband access to deliver a unique, single box CPE solution allowing Enterprises to IP-enable their legacy ISDN-PBX and analog phone/fax/answering machine and audio-intercom systems. Providing 4 Ethernet, 4 BRI and 4 FXS ports the Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls inter-connects any Ethernet switch, ISDN PBX or IP-data network to support 8 to 16 simultaneous VoIP calls using SIP, FXS/FXO or BRI signaling. In addition, the built-in 11.4-Mbps 4-wire G.SHDSL, 100-Mbps fiber, or 24-Mbps ADSL interface provides seamless WAN access.

Like every SmartNode®; the Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls supports every industry-standard CODEC to deliver toll-quality voice on every call. Adding session border controller capabilities, the SN4670 includes IP transcoding for up to 8 SIP channels. The Unified Communications Agent® (UCA) provides any-to-any multi-path switching (simultaneous SIP, H.323, ISDN, and POTS calls with routing and conversion between TDM/PSTN and IP/Ethernet networks—plus T.38 and SuperG3 FAX). 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. The SmartNode survivability suite combines PSTN fallback, SIP Registrar and IP-link redundancy to ensure business continuity in case the IP network fails. Patton's DownStreamQoS® delivers the advantage of clear, uninterrupted voice-and-data communication. Furthermore, SmartNode's unique high-precision clock delivers first-line IP telephony service in demanding ISDN and DECT environments with reliable FAX and modem performance. In addition, SmartNode delivers a smooth transition to VoIP with strong number portability support accepting incoming calls from the PSTN throughout the VoIP service provider's number porting process. The Patton SmartNode SN4671 SmartNode IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls reduces hardware costs, simplifies network architecture, and streamlines service and deployment for service providers. Providing BRI, FXS/FXO, and 10/100 Ethernet with G.SHDSL, fiber, or ADSL broadband access in a single box, the SN4670 delivers secure, prioritized unified communications.

Technical Specifications *

Capacity:

- Up to 16 simultaneous VoIP or T.38 fax calls (depending on the model)

BRI Voice Connectivity:

- NT/TE configurable per port
- Built-in line power on each port (total 4W)
- DSS1, Q.921, Q.931. NTT-64
- Point-point and pointmultipoint
- Optional QSIG support*

FXS/FXO Voice Connectivity

- 4 FXS ports

Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls

- 2-wire Loopstart on RJ-11/12
- short haul loop 1.1km @3REN
- EuroPOTS (ETSI EG201188)
- programmable AC impedance, feeding, ring and on-hook voltage
- Caller-ID FSK and ITUV.23/Bell 202 generation
- FSK & shuttered dial tone MWI

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
- Transcoding for up to 12 channels

Call Routing and Services

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

LAN/WAN Connectivity

- 4 x 10/100BaseT Ethernet WAN
- Auto-MDI-X
- DHCP Client
- PPPoE Client (multi-session)
- IP Multi-Netting access control lists
- DMZ port

Broadband Access

- G.SHDSL: 4-wire G.SHDSL ITU-T G.991.2, Annex A,B, F, G
- Up to 11.4 Mbps
- PPPoE
- 8PVCs, each UBR, CBR or VBR-rt selectable
- I.610 OAM F4/F5 support
- G.994.1

ADSL:

- ADSL2+ ITU-T G.992.5, Annex A, M, B
- Up to 24 Mbps
- PPPoE
- PPPoA
- IPoA
- 8 PVCs, each UBR, CBR or VBR-rt selectable
- I.610 OAM F4/F5 support
- G.994.1 (G.hs)
- Fiber: SFP slot for fiber WAN uplink
- 100Base-T and GigE support
- Up to 8 VLANs
- PPPoE

Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12 VoIP calls

IP Quality of Service:

- Voice priority
- DownStreamQoS™
- traffic management, shaping policing
- IEEE 802.1p, TOS, DiffServ labeling
- IEEE 802.1Q, VLAN tag insertion/deletion 4,096

Management:

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

Power & Packaging:

- Desktop metal chassis

Dimensions:

- 11.0W x1.5H x 7.0 D in. (28.0W x3.9H x 18.0D cm)

Weight:

- 1kg

Internal Power:

- 100–240VAC (50/60 Hz)

Power Consumption:

- 15W

Operating Temperature

- 32 to 104° F (0 to 40°C)

Operating Humidity

- up to 90%, non-condensing

Compliance

- EMC: EN55022 and EN5502
- Safety: EN 60950
- CE
- FCC Part 15 Class A; Part 68; CS-03

* Please Note the Technical Spec covers the entire Patton SmartNode 4670, 4671 range.

Patton SmartNode SN4671 IAD, Fiber SFP, 4 BRI, 4 FXS, 12
VoIP calls

Price: £918.23

VoIPVN <http://voip.com.vn>