Patton SmartNode SN4324/JS/UI 24 port FXS, RJ21 Analogue VoIP Gateway

Product Name: Patton SmartNode SN4324/JS/UI 24 port FXS, RJ21 Analogue VoIP Gateway
Manufacturer: Patton Inalp
Model Number: SN4324/JS/UI

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The Patton SmartNode SN4324/JS/UI 24 port FXS, RJ21 Analogue VoIP Gateway provides 12 to 32 analog FXS or FXO interfaces to connect phones, fax or PSTN trunk lines to your IP-based communications (IP PBX, UC systems and SIP Trunks).
Patton SmartNode SN4324/JO/UI   Key Features

ï¿½ 16, 24 or 32 FXS or FXO—Simultaneous voice or fax calls on all ports. Advanced local call switching.
ï¿½ Full SIP and T.38 support—Supports the complete range of industry standard VoIP: SIP, H.323, T.38 fax, fax and modem bypass, DTMF relay. Codecs G.729, G.723 etc.
ï¿½ Outstanding Interoperability—Interoperable for voice and T.38 fax with leading SIP service providers, soft-switch vendors and Asterisk™ IP-PBX

Like every SmartNode, the SN4300 supports every industry-standard CODEC to deliver toll-quality voice on every call. 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 provides PSTN fallback to ensure business continuity in case the IP network fails. 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.
Preserve investments in legacy phone equipment while taking the next steps toward unified communications with the SN4300 VoIP Gateway. Providing 12 to 32 FXS or FXO interfaces and one 10/100/1000 Ethernet, the SN4300 delivers a reliable, cost-effective solution for the Enterprise.
Patton SmartNode SN4324/JO/UI - Technical Specifications
Capacity

ï¿½ 16, 24, 32 simultaneous VoIP calls

Data Services

ï¿½ Now 10/100 Ethernet port
ï¿½ Complete IP access router
ï¿½ DHCP Client & server
ï¿½ Packet fragmentation
ï¿½ NAPT RFC 1631 access control lists

Quality of Service

ï¿½ DownStreamQoS™
ï¿½ IEEE 802.1p, TOS, DiffServ labeling
ï¿½ IEEE 802.1Q, VLAN tag insertion/deletion (4096 VLAN IDs, multiple VLAN support

Management

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

FXS Connectivity

ï¿½ 2-wire Loopstart on 50 pin (12 to 24 channels) or 64 pin (32 channels) Telco connector
ï¿½ Short haul loop 1.1 km @3REN
ï¿½ EuroPOTS (ETSI EG201188)
ï¿½ Programmable AC impedance, feeding, ring and on-hook voltage
ï¿½ Caller-ID FSK and ITU V.23/Bell 202 generation

FXO Connectivity

ï¿½ 2-wire Loopstart on 50pin (12 to 24 channels) or 64 pin (32 channels) Telco connector
ï¿½ Programmable impedance, ring detection, tone detection, disconnect supervision
ï¿½ Caller ID detection

Voice Signaling

ï¿½ SIPv2 H.323v4 (simultaneously with B2BUA capability)
ï¿½ SIP call transfer, redirect
ï¿½ DTMF in-band & out-of-band
ï¿½ All tones programmable (dial, ringing, busy)

Call Switching and Services

ï¿½ Regular expression based call routing and number manipulation
ï¿½ Number blocking
ï¿½ Short-dialing
ï¿½ Digit collection, distribution and hunt groups
ï¿½ transparent line extension

Voice Processing

ï¿½ Codec G.711 a-law/mu-law, G.723, G.729ab
ï¿½ G.726, G.727. T.38 fax relay
ï¿½ G.711 transparent fax and bypass

System

ï¿½ CPU Motorola MPC875 @ 133 MHz
ï¿½ Memory 32 MB SDRAM/8 MB Flash

Dimensions

ï¿½ 19-in. rack-mount chassis
ï¿½ 48.3W x 4.44H x 30.50D cm

Weight

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ï¿½ 4.1 kg

Power

ï¿½ 100–240 VAC (50/60 Hz)
ï¿½ Power dissipation: > 22W (60W max, model SN4432/JS/RUI)

Temperature

ï¿½ 32–104°F (0–40°C)

Humidity

ï¿½ Up to 90% (non condensing)

Compliance

ï¿½ EMC compliance: EN 55022 and EN 55024
ï¿½ Safety compliance:?EN 50950
ï¿½ CE compliance
ï¿½ FCC Part 15 Class A
ï¿½ RoHS

Please Enquire