Patton SmartNode
SN4332/JS/UI

MULTIPORT FXS VOIP GATEWAY

32 FXS Ports ▪ 1X Fast Ethernet ▪ Internal UI Power

Capacity

- 32 simultaneous VoIP calls

Management

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

FXS Connectivity

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

FXO Connectivity

- 2-wire Loopstart on 64-pin Telco connector
- Programmable impedance, ring detection, tone detection, disconnect supervision
- Caller ID detection

Voice Signaling

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

Call Switching and Services

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

Voice Processing

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

System

- CPU Motorola MPC875 @ 133 MHz
- Memory 32 MB SDRAM/8 MB Flash

MARKETING INFORMATION

The SmartNode 4300 Series IpChannel Bank is the perfect business solution for applications requiring up to 32 concurrent analog voice/fax calls. The IpChannel Bank transforms any PBX system, analog call-center application, or ISP MDU service into a state-of-the-art packet-voice system without requiring costly equipment replacement or upgrades.

There are several models in the SN4300 Series—ranging up to 32 FXS ports. The SN4300 Series supports key industry-standard VoIP signaling protocols such as SIP, H.323, and T.38 Fax Relay—plus fax-bypass and modem-bypass. This ensures interoperability with the leading soft switches and VoIP services.

Dimensions

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

Weight

- 4.1 kg

Power

- 100–240 VAC (50/60 Hz)
- Power dissipation: > 22W (60W max)

Temperature

- 32–104°F (0–40°C)

Humidity

- Up to 90% (non condensing)

Compliance

- EMC compliance: EN 55022 and EN 55024
- Safety compliance: EN 50950
- CE compliance
- FCC Part 15
- Class A
- RoHS