Patton SmartNode SN4130/2BIS4VHP/EUI VoIP Gateway - 2 BRI, 4 VoIP calls

Product Name: Patton SmartNode SN4130/2BIS4VHP/EUI VoIP Gateway - 2 BRI, 4 VoIP calls
Manufacturer: Patton Inalp
Model Number: SN4130/2BIS4VHP/EUI

Patton SmartNode SN4130/2BIS4VHP/EUI VoIP Gateway - 2 BRI, 4 VoIP calls; no SIP transcoding; HP; 1 Ethernet Port; 1 USB port; External 100–240 power
The Patton SmartNode SN4130/2BIS4VHP/EUI VoIP Gateway - 2 BRI, 4 VoIP calls supports up to 4 BRI ports and 8 simultaneous G.711 voice channels, the SN4130 is the best way to connect ISDN networks or ISDN terminal equipment to the world of voice over IP. With built-in security features such as HTTPS provisioning, Stateful Firewall and optional SIP-TLS* it provides business-class Internet telephony for demanding ISDN users.
Patton SmartNode SN4130/2BIS4VHP/EUI Key Features

• 2/4 Ports Quality ISDN VoIP - 2 or 4 ISDN BRI S0 ports. Up to 5 G.722 or up to 8 T.38 or G.711 calls simultaneously. Using SRTP, up to 5 simultaneous calls.
• Full Telephony Features - SessionRouter™ allows flexible call routing and numbering plan adaptations, CLIP/CLIR, hold, transfer, 3-way conferencing (Roadmap) and much more.
• Management & Provisioning - Web-based management, WEB Wizard, SNMPv3, command line interface, autoprovisioning separate config domain support, secure provisioning for configuration and software upgrades.
• Network Connectivity One 10/100/1000 Ethernet port with auto MDI-X.Ethernet. Supports VLAN, TOS and Diffserv tagging. Basic IPv6 support.
• Full VoIP protocol support SIPv2, SIP v2 over TLS, ISDN, DSS1, QSIG**, T.38, G.722 HD voice, RTP Security with SRTP, fax and modem bypass, DTMF relay.
• Outstanding Interoperability - Interoperable for voice and T.38 fax with leading SIP service providers, softswitch vendors, and Asterisk™ IP-PBX.
• High Precision Clock (HP)*** Option DECT PBX interoperability and improved fax performance with Stratum 3 CO quality clock.

The SmartNode 4130 series are the next-generation ISDN BRI models of the proven marketleading SmartNode Voip product family. The available 2 or 4 port configurations fit the requirements of small and medium enterprises looking for a costeffective way to bridge PBX systems on multiple sites or connect them to a public Internet telephony service. The ISDN port fallback relay solves many VoIP network integration problems encountered in real-world installations. By connecting a PSTN line and an ISDN PBX to the SmartNode, it is secured against power and SIP trunk outages. If available the PSTN line can also synchronize the gateway. For applications without a PSTN line available the optional ISDN HP (high precision clock) provides an error-free ISDN data and fax transmissions.
Patton SmartNode SN4130/2BIS4VHP/EUI - Technical Specifications
Voice Signaling

• SIPv2
• SIPv2 over TLS**
• SIP call transfer, redirect
• Overlap or en-bloc dialing
• DTMF in-band, out-of-band
• Configurable tones

Call Routing & Services

• Regular expression number matching
• Regular expression number manipulation

VOIP http://voip.com.vn

• Least Cost Routing
• Number blocking
• Short-Dialing
• Digit collection
• Distribution- and Hunt-Groups

ISDN

• 2/4 BRI S0 ports***, RJ-45
• NT/TE configurable per port
• Built-in line power on each port (total 4W)
• DSS1, Q.921, Q.931. NTT-64
• HP*** High Precision Clock
• Stratum 3 CO
• Point-point and point-multipoint
• Lifeline Bypass Relay***
• Optional QSIG support**

Voice Processing

• G.722
• G.722.2 WB-AMR
• G.711m/A-law
• G.723.1 (6.4 kbps)
• G.729, 729a, 729ab (8 kbps)
• G.726 (16, 24, 32, 40 kbps)
• iLBC at 13.33 & 15.2 kbps
• G.168-2004 echo cancellation (128ms)
• 4/8 simultaneous low-bandwidth voice or T.38 fax calls
• 2/5 HD calls with SRTP
• Transparent ISDN data
• Silence suppression and comfort noise
• Adaptive and configurable dejitter buffer
• Configurable packet length

Packet Tagging and VLAN

• IEEE 802.1p, IEEE 802.1Q,
• 4096 VLANs (Tag insertion/deletion), TOS,
• DiffServ Labeling

Connectivity

• One 10/100/1000Base-T
• Ethernet port
• USB 2.0 host port
• Auto-MDIX
• DHCP Client
• PPPoE Client (multi-session)
• VLAN support, Secondary IP
• IPv4
• Basic IPv6
• ICMP

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• ACL
• DNS, DynDNS
• DHCP Server
• SNTP Client

Management

• Web-based GUI
• WEB Wizard
• Fully Documented CLI
• Telnet and HTTP access
• TFTP, HTTP, HTTPS configuration up - and download
• TFTP, HTTP, HTTPS firmware upgrade
• SNMPv3 agent
• Separate config domain (LAN side config and WAN side config)
• MIB II and private MIB
• Built-in diagnostic tools
• Secure auto-provisioning with built in root CA

Power Consumption

• 10W

Packaging

• Desktop/Wall-mount plastic chassis

Dimensions

• 8.2W x 1.3H x 6.5D in. (20.8W x 3.4H x 16.5D cm)

Weight

• 450g (15.9 oz)

Environment

• Operating temperature: 32–104°F (0–40°C)
• Operating humidity: up to 90%, non-condensing

Compliance

• FCC Part 15 Class A (US EMC)
• CE per RTTE 99/5/EC (EMC and LVD)

Safety

• EN60950
• TBR-3 (ISDN BRI/So)

Price: £540.15

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