Product Name: Patton SmartNode SNOGA/4BIS8V/EUI Open Gateway Appliance - 4 BRI, 8 VoIP calls

Manufacturer: Patton Inalp

Model Number: SNOGA/4BIS8V/EUI

Patton SmartNode SNOGA/4BIS8V/EUI Open Gateway Appliance - Router, 4 BRI, 8 VoIP calls; 4 LAN/WAN Ethernet Ports; External 100-240 power, high-precision clock

The Patton SmartNode SNOGA/4BIS8V/EUI Open Gateway Appliance (SNOGA) enables industry peers or integrators to simply buy the unit and install their software of choice, or partner with Patton to create a custom OEM solution for any number of applications. With the ability to run any IPPBX, soft switch, router, SBC, call recorder, or call accounting software, alongside any one of Patton’s robust Gateways, the SNOGA opens the door to endless possibilities and customer satisfaction, every time. The Open Gateway Appliance is a convenient “one box” solution. With the built-in VoIP Gateway, the Open Gateway Appliance eliminates the interoperability obstacles for companies that want to keep their legacy equipment including PBXs, phones, fax equipment and POTS lines. Configuration options include a range of analog FXS/FXO and/or ISDN BRI/PRI gateways coupled with the industry standard miniITX PC board.

Patton SmartNode SNOGA/4BIS8V/EUI Key Features

• Integrated miniITX PC Board: - Intel Celeron J1900 Quad Core 2.0 GHz Processor - DDR3L RAM 4GB - 250 GB HDD
• Supports Any Operating System—Windows or Linux based.
• Fully Customizable—Useful for a variety of communication software IP-PBXs, routers, session border controllers, call recording, or call accounting.
• Monitoring and Management—Leverage the Patton EMS system together with your preferred software on the SmartNode Open Gateway Appliance to be monitored and managed.
• Provisioning—Using the Patton Redirection Service, the Open Gateway Appliance can be provisioned with zero touch at the customer site.
• Fits Your Network: - BYOP (Bring your own phone)—Choose your own hardware, whether it is IP phones or softphones, computers, tablet computers, mobile phones; no vendor lock-in. - Keep Your Existing Equipment—Built-in gateway connects existing analog/ISDN equipment. - SIP Trunks or PSTN—Save on monthly call costs using SIP Trunks or receive and make calls via the standard PSTN.
• Why SmartNode™? - Patton Quality - Made in the USA - Unrivaled Customer Support - FREE Support and Upgrades

Patton SmartNode SNOGA/4BIS8V/EUI   - Technical Specifications
Gateway Capacity

• 2/4/8 BRI So ports, RJ-45
• NT/TE configurable per port
• Built-in line power on each port (total 4W)
• DSS1, Q.921, Q.931. NTT-64
• Point-point and point-tomultipoint
• Optional QSIG support* FXS/FXO Voice Connectivity
• Up to 4 FXS and FXO ports
• 2-wire Loopstart on RJ-11/12
• Short haul loop 1.1km @3REN
• EuroPOTS (ETSI EG201188)
• Programmable AC impedance, feeding, ring and onhook voltage
• Caller-ID FSK and ITUV.23/Bell 202 generation
• FSK & stuttering dial tone MWI

PRI Voice Connectivity

• 1 or 4 T1/E1 PRI port(s) (NT/TE)
• Signaling support (ISDN DSS-1, NI-2, Q.SIG, CAS Robbed bit loop and ground start, E&M, immediate, wink, double wink)
• ISDN AOC/ECT
• ISDN speech, audio & data (Fax Gr 4, UDI 64, RDI64)
• ISDN supplementary services
• CAS protocols: RBS (Loop start, ground start, E&M wink, intermediate, doublewink) and R2/MFC-R2 (Q.400–Q.490 and Configurable country profiles)

LAN/WAN Connectivity

• 2 x 10/100/1000 TX Ethernet ports
• 4 x 10/100Base-T Ethernet ports (depending on the model)
• Auto-MDI-X • DHCP Client
• PPPoE Client (multi-session)
• IP Multi-Netting access control lists • DMZ port

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

IP Quality of Service

• Voice priority
• Traffic management
• 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)

Processor

• Intel® Atom™ Bay Trail-I E3845
• Quad Core 1.91 Ghz

Memory

• 4GB of DDR3 RAM
• 250GB hard drive

Ethernet

• 2 10/100/1000 Ethernet Ports

External Power Supply

• 12 VDC, 8.5 A (102 W max)

Operating Environment

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

Dimension

• 19W x 1.7H x 12D in. (48.3W x 4.4H x 30.5L cm)
• Rack mountable chassis

Compliance

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

Please Enquire