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Patton SmartNode SN5480/64P/EUI ESBR, 64 Transcoded Calls, not upgradable, 96 SIP Sessions, Upgradeable to 196 SIP Sessions



Product Name: Patton SmartNode SN5480/64P/EUI ESBR, 64 Transcoded Calls, not upgradable, 96 SIP Sessions, Upgradeable to 196 SIP Sessions
Manufacturer: Patton Inalp
Model Number: SN5480/64P/EUI

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The Patton SmartNode SN5480/64P/EUI ESBR, 64 Transcoded Calls, not upgradable, 96 SIP Sessions, Upgradeable to 196 SIP Sessions is a high performance solution that bridges a wide range of IP PBX products to their service providers ensuring security and a high level of efficiency in the VoIP network. Connecting the Enterprise’s LAN to an Internet Telephony Service Provider (ITSP), the SN5480 creates a single conduit for multimedia components including voice, video and data. Evolving from Patton’s award winning SmartNode 5400 Series, the next generation SmartNode 5480 Series comes now with IPv6 upgradeable hardware.
Patton SmartNode SN5480/64P/EUI Key Features

ï¿½ Trinity OS - optional, select this when SIP TLS/SRTP is required. Software Comparison
ï¿½ VoIP Transcoding—?Capacity for up to 64 SIP-SIP calls with transcoding and 196 SIP Sessions without transcoding.
ï¿½ IP Routing—?RIP v1/v2, VRRP, Policy Based Routing, Loopback/Virtual Interface, NAPT-capable edge router.
ï¿½ SIP Registrar - License is included in ALL ESBR products.
ï¿½ 10/100/1000 Ethernet—One 10/100/1000 WAN Ethernet port and one 10/100/1000 LAN Ethernet port.
ï¿½ Proprietary Software—Utilizes proprietary SmartWare™ Software for added security.
ï¿½ Flexible mounting options—The device can be placed on a desktop or installed in a 19-inch rack using the optional rack ear kit (INS-KIT-RACKEARS-11/19).

Through the SIP Back-to-Back User Agent, the SN5480 provides a common interface into the service provider network providing resolution of any differences between the SIP from the IP PBX and the service provider softswitch. Additionally, the SN5480 provides CODEC transcoding for up to 64 SIP sessions insuring the most efficient use of available bandwidth for both voice and data. Reduce WAN-access bandwidth requirements by converting high-bandwidth G.711 calls on your LAN into lower-bandwidth G.723 calls for WAN transport. For added security, the SN5480 includes SIP-aware NAT and access controlled lists (ACLs) for maintaining secure communications when SIP traffic crosses the Enterprise edge.
In addition, routing capabilities include RIP v1/v2, virtual router redundancy protocol (VRRP), loopback interfaces as well as advanced techniques like policy based routing (PBR). Furthermore, QoS keeps malicious traffic from effecting bandwidth requirements of PBR-marked essential traffic and Downstream QoS ensures important voice and fax calls do not get bogged down by such resource hungry lower priority TCP traffic as FTP downloads.
Patton SmartNode SN5480/64P/EUI - Technical Specifications
Capacity

ï¿½ 64 Simultaneous Transcoding Channels

Voice Connectivity

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ï¿½ Signaling support
ï¿½ SIP Registrar
ï¿½ SIPv2, H.323v4

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 (9.6 k, 14.4 k)
ï¿½ G.711 transparent fax and bypass
ï¿½ 128 ms echo cancellation

IP Routing

ï¿½ IP access router
ï¿½ DHCP Client & Server
ï¿½ RIPv2
ï¿½ BGP
ï¿½ VRRP
ï¿½ Packet fragmentation
ï¿½ Firewall
ï¿½ NAT/NAPT RFC 1631
ï¿½ Access Control Lists
ï¿½ DMZ port
ï¿½ IPsec VPN (Option)

Quality of Service

ï¿½ Voice priority
ï¿½ DownStreamQoS™
ï¿½ Traffic management, shaping and policing
ï¿½ IEEE 802.1p, TOS, DiffServ labeling
ï¿½ IEEE 802.1Q, VLAN tag insertion/deletion (4096 VLAN IDs, multiple VLAN support)

Management

ï¿½ Web/HTTP, CLI with local console and remote Telnet access
ï¿½ HTTP/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)

Temperature

ï¿½ Temp: 32–104°F (0–40°C)

Humidity

ï¿½ Humidity: Up to 90% (non condensing)

Power

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ï¿½ 100–240 VAC (50/60 Hz)

Power consumption

ï¿½ 15W

Please Enquire