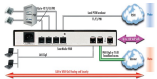


## ***Patton Smartnode SN4960/1E15V/EUI Technical Specifications***

- Voice Connectivity
  - Up to four software selectable T1/E1/PRI ports
  - Signaling support (ISDN DSS-1, NI-2, Q.SIG, 5ESS, CAS Robbed bit loop and ground start, E&M, immediate, wink, double wink)
  - SIPv2, H.323v4
  - ISDN AOC/ECT
  - ISDN speech, audio & data (Fax Gr 4, UDI 64, RDI64)
  - ISDN supplementary services
- Voice processing
  - Codec G.711 a-law/mu-law, G.723, G.729ab, G.726, G.727. T.38 fax relay (9.6 k, 14.4 k)
  - G.711 transparent fax and bypass
  - 128 ms echo cancellation
- Call routing and services
  - Regular expression matching and manipulation
  - Number blocking; short-dialing
  - Digit collection, distribution
  - Hunt groups.
- Data interfaces
  - Dual 10/100/1000 TX Ethernet Ports
  - Autosensing
  - Auto-MDI
  - Full-duplex
- IP Routing
  - Complete IP access router
  - DHCP Client & server
  - Packet fragmentation
  - Static firewall, NAT, NAPT RFC 1631 access control lists
- IP Quality of Service
  - Voice priority
  - DownStream QoS
  - Traffic management shaping policing
  - 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 autoprovisioning for firmware & unit/subscriber configuration
  - Built-in diagnostic tools (trace, debug, call generator)
- Power & Packaging
  - Power: 100240 VAC (50/60 Hz)

- Power dissipation: 15W
- Operating Environment
  - Operating temperature: 32–104°F (0–40°C)
  - Operating humidity: up to 90%, non condensing
- Compliance
  - EMC: EN55022 and EN55024
  - Safety: EN 60950'
  - CE
  - FCC Part 15 Class A; Part 68; CS-03
  - RoHS

## Patton Smartnode SN4960/1E15V/EUI Diagrams



## Patton Smartnode SN4960/1E15V/EUI Model Series

- **SN4960/1E15V/UI**
  - SmartNode Hi-Cap 1 T1/E1/PRI VoIP IAD, 2x GigEthernet, 15 VoIP Channels, upgradeable to 30, Internal UI Power.
- **SN4960/1E24V/UI**
  - SmartNode Hi-Cap 1 T1/E1/PRI VoIP IAD, 2x GigEthernet, 24 VoIP Channels, upgradeable to 30, Internal UI Power.
- **SN4960/1E30V/UI**
  - SmartNode Hi-Cap 1 T1/E1/PRI VoIP IAD, 2x GigEthernet, 30 VoIP Channels; non-upgradeable, Internal UI Power.
- **SN4960/4E120V/UI**
  - SmartNode Hi-Cap 4 T1/E1/PRI VoIP IAD, 2x GigEthernet, 120 VoIP channels; non upgradeable, Internal UI Power.
- **SN4960/4E15V/UI**
  - SmartNode Hi-Cap 4 T1/E1/PRI VoIP IAD, 2x GigEthernet, 15 VoIP channels; field upgradeable to a max of 60 channels, Internal UI Power.
- **SN4960/4E24V/UI**
  - SmartNode Hi-Cap 4 T1/E1/PRI VoIP IAD, 2x GigEthernet, 24 VoIP channels; field upgradeable to a max of 60 channels, Internal UI Power.
- **SN4960/4E30V/UI**
  - SmartNode Hi-Cap 4 T1/E1/PRI VoIP IAD, 2x GigEthernet, 30 VoIP channels; field upgradeable to a max of 60 channels, Internal UI Power.
- **SN4960/4E48V/UI**
  - SmartNode Hi-Cap 4 T1/E1/PRI VoIP IAD, 2x GigEthernet, 48 VoIP channels; field upgradeable to a max of 60 channels, Internal UI Power.
- **SN4960/4E60V/UI**
  - SmartNode Hi-Cap 4 T1/E1/PRI VoIP IAD, 2x GigEthernet, 60 VoIP channels; non-upgradeable, Internal UI Power.
- **SN4960/4E96V/UI**

- SmartNode Hi-Cap 4 T1/E1/PRI VoIP IAD, 2x GigEthernet, 96 VoIP channels; field upgradeable to a max of 120 channels, Internal UI Power.