

Smart-DTA Residential Digital Telephone Adapter Model S-DTA



The Patton S-DTA brings all advantages of VoIP to ISDN users. It connects multiple terminals to its BRI So bus, and converts 2 concurrent voice or fax calls to SIP or H.323 —at an incredibly low price.

Instant ISDN to VoIP Connectivity

Provides one internally powered So bus for up to 8 terminals. Simultaneously converts 2 voice and fax calls to VoIP.

Transparent Telephony Features

Preserves ISDN features like caller ID and name (CLIP/CLIR), call transfer, hold, waiting, charging information (AOC) and much more.

Outstanding Interoperability

Interoperable for voice and fax calls with a wide variety of ISDN terminals, PBXs, as well as SIP and H.323 soft switches and application servers.

Full SIP and T.38 support

Complete range of industry standard signaling protocols supported: SIPv2, H.323v4, MGCP/IUA, ISDN, BRI, T.38, fax and modem bypass, DTMF relay.

Integrated Management and Provisioning

Web GUI for easy end-user setup, fully automated provisioning system and SNMP management for mass deployment.

The SmartNode 4900 is the ideal solution for service providers and enterprises requiring high-density analog connections for converged Internet-Telephony. Call centers, multi-tenant-units and PBX/switch extensions can now access the low-cost benefits of packet voice while WAN, data and VPN features permit direct access the IP network with full upstream and DownStream QoS™.

The SN4900 supports 12 to 32 simultaneous VoIP calls over standard two-wire FXS connections. The analog ports are presented on a single Amphenol telco connector for convenient wiring closet connection. Local LAN connectivity is presented via dual 10/100 Ethernet ports. Traffic can be routed out either port for load-balancing and redundancy. Dual-redundant power supplies protect against equipment down-time.

Seamless and secure network integration with fixed IP, DHCP or PPPoE. Complete access routing features include NAT/NAPT, Firewall, DynDNS and the optional IPsec VPN feature license offer secure data.

Optional WAN uplink modules, available in V.35/X.21, T1/E1, and xDSL options, eliminate the need for extra network termination devices and extra cost.

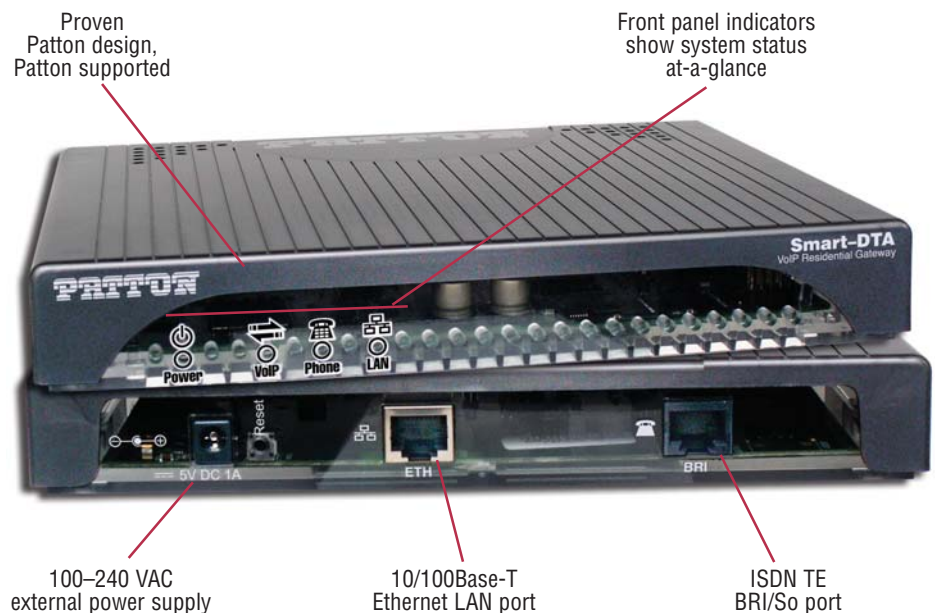
Quality of Service (QoS) features included advanced voice prioritization and traffic management. DownStreamQoS™ ensures voice without interruptions even over best-effort internet connections. Packet labeling according to 802.1p, TOS and DiffServ enable integration into managed QoS networks.

Integrated GUI and Command Line, front panel status and call load indicators and a full suite of management interfaces ensure efficient setup, continuous trouble-free operation and cost-effective deployment.

Visit www.patton.com for more information.



Special Rates Available
Call for Details



Network Integration

Patton's Smart Digital Telephony Adapter provides seamless access to Internet telephony services for ISDN terminals. The S-DTA connects to any LAN or broadband access provider via modem.



Specifications*

WAN Connectivity

10/100Base-T Ethernet WAN • Auto-MDI-X • DHCP Client • PPPoE Client (multi-session) • SNMP • IP Multi-Netting

IP Quality of Service

IEEE 802.1p, TOS, DiffServ Labeling • IEEE 802.1Q, VLAN Tag insertion/deletion (4,096 VLANs)

Management

Web-based GUI • Fully documented CLI • Telnet and HTTP access • TFTP configuration up- and download • TFTP firmware upgrade • SNMPv1 agent, MIB II and enterprise MIB • Built-in diagnostic tools • Auto-Provisioning—Configuration and Firmware

Fax and Modem Support

T.38 fax over IP • Fax relay and bypass • Modem bypass

ISDN Specification

1 port Euro-ISDN BRI/So RJ-45, NT • DSS-1, Q.921, Q.931 • Point-to-point & point-to-multipoint • Line power for ISDN terminals

Voice Signaling

SIPv2 • H.323v4 • MGCP/IUA • SIP call transfer, redirect • Overlap or en-bloc dialing • DTMF in-band & out-of-band • Configurable call progress tones

Call Routing & Services: Regular expression number matching • Regular

expression number manipulation • Least Cost Routing • Number blocking • Short-Dialing • Digit collection • Distribution-Groups & Hunt-Groups • 2nd call offering

Voice Processing

G.723.1 (5.3/6.3 kbps) • G.729, G.729a, G.729ab (8 kbps) • G.726 ADPCM (16, 24, 32, 40 kbps) • G.168 echo cancellation (25 ms) • Transparent ISDN data • Silence suppression and comfort noise • Adaptive and configurable de-jitter buffer • Configurable packet length

Dimensions

4.2W x 1.5H x 5.0D in.
(10.6W x 3.9H x 12.7D cm)

Weight

< 15.9 oz (450 g)

Power Consumption

< 4W

Operating Temperature

32–104°F (0–40°C)

Humidity

Up to 90%, non condensing

Compliance

FCC Part 15 Class B (US EMC) • CE per RTTE 99/5/EC (EMC and LVD) • Safety—EN60950 • TBR-3 (ISDN BRI/So)

Ordering Information

S-DTA/PEUI: ISDN VoIP adapter, 1x BRI/So, 2 voice/fax calls, 1x 10/100 Ethernet, external UI power (100–240 VAC)

* Specifications subject to change without notice.

PE-Inalp Networks Private Ltd

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07MSDTA-DS5

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