

SmartNode™ Model 4130 ISDN BRI VoIP Gateway



2-Ethernet-port upgradeable option



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

ISDN

2/4/8 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

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

1 or 2 10/100/1000Base-T
Ethernet ports

USB 2.0 host port
Auto-MDIX
DHCP Client
PPPoE Client (multi-session)
VLAN support, Secondary IP
IPv4
Basic IPv6
ICMP
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)

Ordering Info

Obtain ordering info for this product by using the QR code at right or by contacting:

- web: http://www.patton.com/products/product_detail.asp?id=519&tab=Ordering
- email: sales@patton.com
- tel: +1 301.975.1000



* Specifications subject to change without notice | ** Additional charges apply for licensed features | *** Depending on model



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