

## SNOM 2640 VoIP Gateway High-performance, Compact Design



SNOM 2640 is a VoIP gateway which extends the benefit of Analog and Digital gateways. SNOM 2640 has changeable CPU module and maximum 32 ports of analog, digital E1/T1 voice interface modules. It is designed to provide strong features of media gateways for IP-PBX by supporting several ports for analog interface and digital E1/T1 voice modules and also it acts as a media gateway which connects PSTN switch as well.

All SNOM gateways support SIP, H.323 and T.38 fax. The gateways maintains best voice quality under low speed network using the latest voice compression algorithm and enhanced QoS management features of SNOM Technology.

### Specification

#### VoIP Protocols

- > SIP
- > H.323 version 4
- > Audio codecs:  
G.711 (a-law/ $\mu$ -law), G.729a, G.723.1, G.726
- > Fax Support - up to G3 fax, using T.38
- > Modem Support - up to V.90, using G.711

#### Telephony Interfaces

- 4 or 8 FXS ports
- > 600R, 900R or CTR-21 line impedance
- > Support Call Waiting and Call transfer

- 4 or 8 FXO ports
- > Loop/Ground start

- 4 or 8 E&M ports
- > 2/4 Wire (Type I-V)
- > Signaling types include Wink start, immediate start

- 1 or 2 E1/T1 ports
- > Euro-ISDN, ISO QSIG, QSIG Feature Transparency
- > N11/N12, AT&T 5ESS, DMS 100, CAS (RBS)

#### LAN Interfaces

- > 2 RJ45s, 10/100 BASE T, Full/Half Duplex

#### Features

##### Identification

- > Caller ID presentation
- > Caller ID screening allows connections to be accepted only from selected call sources
- > H.323 gatekeeper registration
- > SIP Registration and Digest Authentication

##### Routing and Numbering

- > Dial Planner – sophisticated call routing capabilities, standalone or gatekeeper/proxy integration
- > Direct Dialing In (DDI)
- > SIP registration to multiple proxies
- > NAT traversal

##### Operations, Maintenance and Billing

- > HTTP web server
- > Radius Accounting
- > Remote firmware upgrade:
- > Standard SNMP agent (MIB v2) Support
- > TFTP / FTP support
- > VT100-RS232 / Telnet

##### Call Quality

- > Adaptive jitter removal
- > Comfort noise generation
- > Silence suppression
- > 802.1p/Q VLAN tagging
- > Differentiated Services (DiffServ)
- > Type of Service (ToS)
- > QoS statistics reporting
- > Echo cancellation (G.168 up to 128ms)

##### Environmental

- > 0°~50°C
- > 0%~ 95% humidity (non-condensing)

##### Power

- > 100~ 220 VAC, 50/60 Hz

##### Dimensions

- > D × W × H: 440 × 395 × 80 (mm)
- > Weight: 6.9 (Kg)

For more information, contact  
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