

SNOM SI TA 40 DATA SHEET

Snom SI TA 40 is a Four-port FXS telephone extension to IP network gateway. It provides telephone services and T.38 fax over IP network with easy operation and configuration. Snom SI TA 40 supports various voice codec's G.711A/u-Law, G.723.1, G.729 and G.729A with Dynamic Jitter Buffer and Bad frame interpolation. It provides toll quality voice and FAX services. The TA 20 implements H.323 v2/3/4 protocol. TELNET and COM port configuration Management and software download providing centralized control, management and software upgrade. IP / Gatekeeper addressing setting, dial plan, voice codec, Gatekeeper and Peer to Peer mode selection, QoS setting and call progress tone setting are allowed



Interfaces

- Two 10Mbps Ethernet RJ-45 port
- One DB-9 RS-232 COM port
- Four RJ-11 Telephone port (FXS)
- DC 12V input (Provided with external 100-240Vac input adaptor)

Features

- ITU-T H.323 v3 / SIP compliance
- MS-NetMeeting v3.0 compatible
- TFTP/FTP software upgrade
- E.164 Dial Plan
- Support for DHCP
- Supports H.235 security function
- Automatic Dial path selection
- LED indication for system status
- DTMF detection/generation
- NAT support
- Remote configuration/reset
- Supports QOS by setting TOS
- Automatic Gatekeeper Discovery
- 2 wire loop start

- Alternate Gatekeeper selection Provides Peer-to-Peer Mode selection
- Line polarity reversal generation Provides call progress tone
- PPPoE (option) NAT support
- Automatic FAX detection Group 3 Fax relay at 2.4 - 14.4 kbps
(Supports T.38 protocol)

Codec and Audio

- Codec -- G.711 A/u-Law, G.723.1, G.729A, G.729
- VAD (Voice Activity Detection), CNG (Comfort Noise Generation)
- G.168/165-compliant adaptive echo cancellation
- Dynamic Jitter Buffer
- Bad Frame Interpolation
- Completed voice band signaling support
- Caller ID (DTMF or FSK)
- Provides Inband or Outband DTMF generation/detection
- Provide H.450 services (Hold, Transfer, Forward)
- Gain/Attenuation Settings
- Provide Progress Tone: Dial tone, busy tone, call-holding tone, 2nd Dial tone and ring-back tone

FXS Interface specification

- 2-wire loop start
- Programmable AC impedance, Feeding voltage, Ring Voltage, Ring Cadence, Loop current and call progress tone
- ON-Hook Voltage : 48Vdc
- Ring Voltage : 50 V RMS
- Loop Current : Constant 23mA

Certification and Dimensions

- UL, CE, FCC, VCCI, BSMI Dimension : 233mm(W) x 35mm(H) x 152mm(D)