

SI TA 20 DATA SHEET

Snom SI TA 20 is a two-port telephone extension to IP network gateway. It provides telephone services and T.38 fax over IP network with easy operation and configuration. Supports DHCP for Plug & Play operation. Snom SI TA 20 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 SI TA 20 implements SIP and H.323 v3 protocol with H.450 services. It can easily connect to any H.323 compatible Gatekeeper. Traditional PBX functionality are provided with H.450 features together with Gatekeeper or IP / PBX Call Manager. 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 10/100Mbps Ethernet RJ-45 port
- One DB-9 RS-232 COM port
- Two 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
- LED indication for system status
- DTMF detection/generation

- TFTP/FTP software upgrade
- E.164 Dial Plan
- Support for DHCP
- Supports H.235 security function
- Alternate Gatekeeper selection
- Line polarity reversal generation
- PPPoE (option)
- Automatic FAX detection (Supports T.38 protocol)
- NAT support
- Remote configuration/reset
- Supports QOS by setting TOS
- Automatic Gatekeeper Discovery
- Provides Peer-to-Peer Mode selection
- Provides call progress tone
- NAT support
- Group 3 Fax relay at 2.4 - 14.4 kbps

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
- Weight : 0.7 Kgs