

- Universal Dial Plan that provides a programmable dial plan so the Tenor Series can be integrated into any network environment.
- PacketSaver™ Technology multiplexing to reduce bandwidth consumption by up to 57% by combining voice packets from multiple calls into a single packet.
- NATAccess™ to allow Tenor Series to operate behind NAT firewalls to translate internal IP addresses into public addresses when a VoIP call is established with an outside party.
- Remote Management for anywhere, anytime remote management even behind NAT firewalls with NET's Remote Management Session Server.

CALL MANAGEMENT FEATURES

- Automatic call type detection: Voice/Modem/Fax
- Answer and Disconnect Supervision

TECHNICAL SPECIFICATIONS:

Telephony Specifications:

- Voice algorithms: G.723.1a, G.729ab, G.711
- Auto codec negotiation
- Fax Support: Group III at 2.4, 4.8, 7.2, 9.6, 14.4 Kbps, using industry standard T.38; Super G3 compatible up to 33.6 Kbps
- Modem support with G.711
- Choice of 8, 16, or 24 FXS and/or FXO configurations or a 48 FXO only configuration
- Standard 50 pin RJ-21 Telco connectors
- Coding: A-law, I-law
- Enhanced (Carrier Grade) Echo Cancellation: ITU Rec. G168, up to 128 msec tailsize
- Loop Start, Reverse Battery, Battery Disconnect
- Tandem/TDM switching
- Maximum Call Rate: 1,800 calls/hour

IP Network Specifications:

- LAN Interface: 1 Fast Ethernet port (10/100Base-T)
- Standard RJ-45 Interface (IEEE 802.3) for 10Base-T or 100Base-TX connections
- DHCP Client
- QoS Support: IP TOS, DiffServ

VoIP Network Specifications:

- Support for multiple SIP User Agents (RFC3261 compliant endpoint)
- DTMF Signaling via RFC2833 or SIP Info
- SIP Supplementary Services

- SIP Refer Method Support
- Message Waiting Indicator
- IVR/RADIUS server support for AAA with integrated multi-lingual IVR+
- Adaptive Voice Activity Detection (VAD) with Comfort Noise Generation (CNG)
- Adaptive Jitter Buffer
- Packet Loss Concealment
- NATAccess™ - NAT/Firewall
- Security: IP Filtering
- Up to 48 simultaneous VoIP calls
- Support for DNS-SRV
- Survivability - (Option only available in AXM and AXT Series)
 - SIP Outbound Proxy
 - Supports up to 100 SIP endpoints

Configuration / Management:

- Auto-Provisionable
- NET Tenor Series Configuration Manager (GUI) for configuration of remote individual Tenors
- NET Tenor Series Monitor (GUI) for alarm monitoring, call monitoring and CDR monitoring
- Remote access with external Remote Management Session Server
- SNMPv2 Agent
- Command Line Interface

- Trunk group support
- Public and private dial plan support
- User programmable dial plan support
- Forced IP routing and IP port mapping
- Pass-through support for calls to Toll-free, local and special service numbers (ie. emergency services, etc.)
- Automatic appending and stripping of digits to dialed numbers
- Call Detail Records
- Least Cost Routing with external NET VoIP Call Routing Server*
- Type 1 Caller ID/Name Support (Telcordia, ETSI, NTT and DTMF)

GENERAL SPECIFICATIONS:

Dimensions: 1U High Chassis

W 17 3/8" x H 1 3/4" x D 10 3/4"

W 44.5cm. x H 4.5cm. x D 27.6cm.

- Maximum weight: 10 lbs. (4.55kg.)
- AC Power: 100-240 Volts AC, 50/60 Hz, 60 watts
- Operating temperature: 40° - 104° F (5° - 40° c.)
- Operating humidity: 20% - 80% non-condensing
- Telco: FCC Part 68, TS-016, TBR4, TS-038, CS03
- EMC: FCC Part 15 EN55022, EN55024, EN61000-2-3, EN61000-3-3, AS/NZS3260
- Safety: UL60950, EN60950, AS/NZS60950

Tenor AX Series	MultiPath AXM Series	Station AXG Series	Trunk AXT Series
8 Simultaneous VoIP Calls	8 FXS/8 FXO	8 FXS/0 FXO	0 FXS/8 FXO
16 Simultaneous VoIP Calls	16 FXS/16 FXO	16 FXS/0 FXO	0 FXS/16 FXO
24 Simultaneous VoIP Calls	24 FXS/24 FXO	24 FXS/0 FXO	0 FXS/24 FXO
48 Simultaneous VoIP Calls	N/A	N/A	0 FXS/48 FXO

WEBSITE: Please visit our website at www.net.com for information on how to contact us, place an order or get more information on NET solutions.



Corporate Headquarters
6900 Paseo Padre Parkway
Fremont, CA 94555 U.S.A.
T 510.713.7300
F 510.574.4000
E info@net.com

N.E.T. Federal
21660 Ridgetop Circle,
Suite 100Dulles, VA 20166, U.S.A
T 703.948.1800
F 703.948.1850
E net_federal@net.com

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