

INNOMEDIA MTA 3328 MULTIMEDIA TERMINAL ADAPTERS

NEXT GENERATION VoIP CPE DEVICE

KEY BENEFITS

Ideal for deploying to consumer and SOHO broadband customers

Flexible system interoperability and platform support protects your network investment

Easy to install and auto-provision

QoS features provide PSTN-like voice quality service

CLASS features support with call agents or softswitches

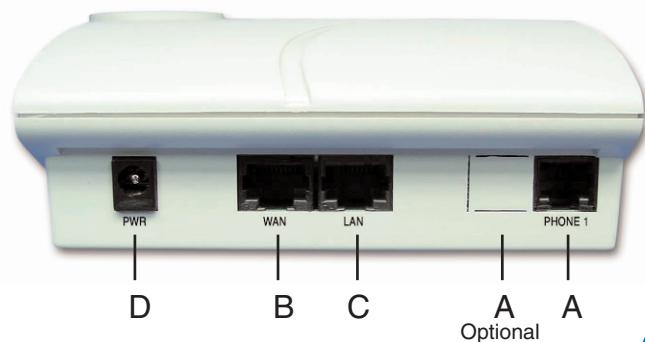


Standalone
MTA 3328 with
2 voice ports

Compatible with any standard analog telephone set, the MTA 3328 delivers voice quality and features equivalent or superior to those of PSTN. Its versatile and open system interfaces provide the flexibility to work with many different networks (HFC cable, ADSL, fiber, wireless) and broadband access devices. It is highly interoperable and can be used in a multitude of system configurations including broadband loop emulations with GR303/V5.2 gateways, PacketCable™-based Call Agents/Softswitches, or SIP-based Softswitches. For remote provisioning, monitoring and testing, the MTA 3328 supports HTTP, SNMP, TFTP, FTP, and Telnet.

MTA INTERFACES

- A. RJ-11 port (connect to phone)
- B. RJ-45 port (uplink to broadband access device)
- C. RJ-45 (downlink to PC)
- D. Power



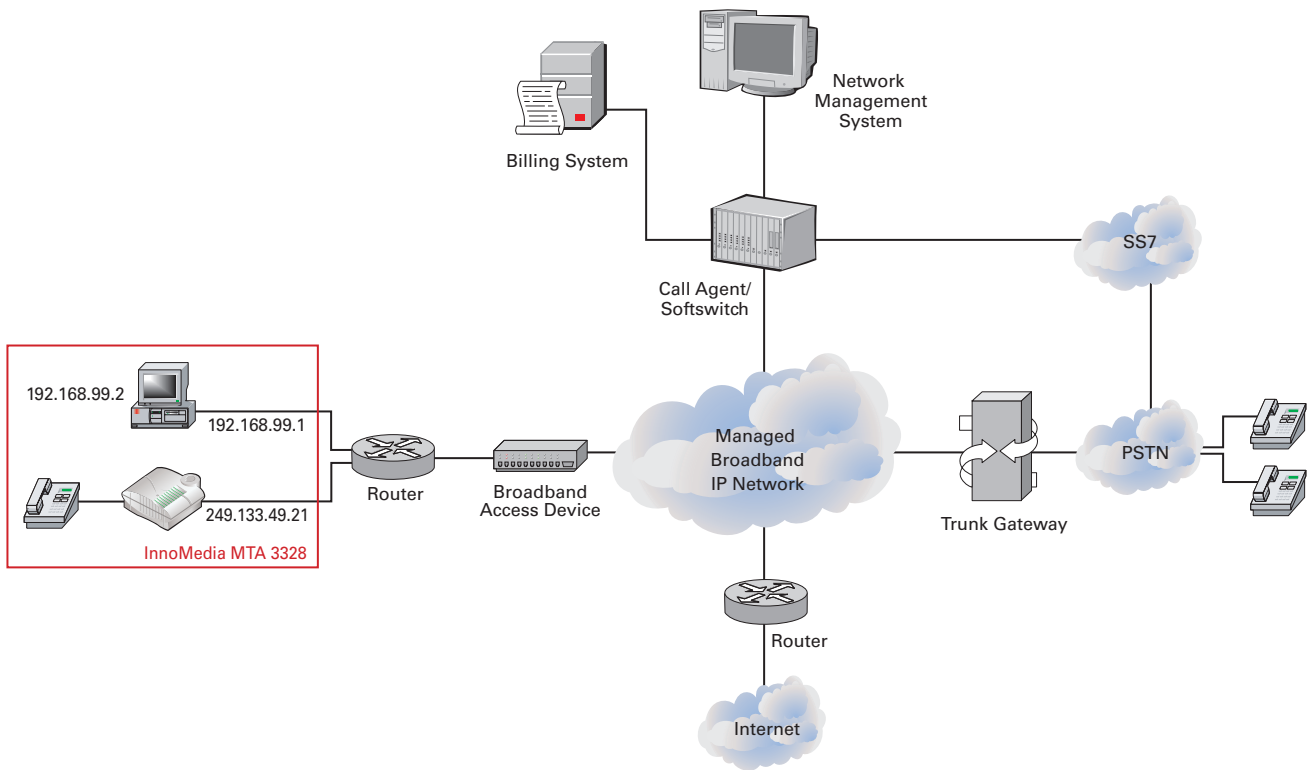


Figure 1- Typical Applications For MTA 3328

SPECIFICATIONS

Physical Specification

Category	Specification
Power Consumption	Idle: 12V/0.19A (2.28W) / Talking: 12V/0.28A (3.36W)
Power Supply	Output: DC 12V, 1A / Input: AC 120V, 60Hz, 200mA
Dimensions	5.24 in (H) x 6.50 in (W) x 2.13 in (D) / 133 mm (H) x 165 mm (W) x 54 mm (D)
Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Operating Humidity	10 to 90% RH
Storage Humidity	5 to 95% RH

SPECIFICATIONS

Product Specification

Category	Specification
Telephone Interface	2 FXS voice ports
Network Interface	10/100 Base-T RJ-45 Uplink and Downlink ports
Accessory	Ethernet Cable, AC/DC Power Adapter

Software Specification

Category	Specification
Protocols	PacketCable NCS 1.0; RFC 2833; SIP 2.0
Speech Codec Capabilities	G.711 and one of the following: G.723.1; G.729 (Low bit rate codecs) Supports 3-way conferencing with compression
Quality of Service	IEEE 802.1p/q; IP TOS Tagging; Built-in Priority Switch
Signal Processing	Echo cancellation: G.168 Fax (fall-back to G.711) Caller ID FSK signal regeneration Line reversal
Certification	FCC part 15B; CE; UL
Tones	Ring back tone Busy tone Reorder tone Dial tone Off hook warning tone Message waiting tone (MWI)/Stutter tone Call waiting tone
DTMF Tone	DTMF tone detection and generation/RFC2833
Announcements	Play out any voice stream sent by SIP Proxy controlled announcement server Device IP announcement
OAM&P	Access components implemented: CLI, TFTP, HTTP, SNMP, Telnet, DHCP or DNS Works with any SNMP (v.1, v.2c, v.3)-based EMS Offers web-based access as well as TFTP-based remote software downloads/upgrades Provisionable set feature codes

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