

SMARTLINK ATA SERIES

Provides quick and easy conversion of a phone or fax machine to VoIP for residential and telecommuter applications.

Micro Analog Telephone Adapter

Micro-ATA VoIP Integrated Access Device

The SmartLink Micro Analog Telephone Adapter provides connectivity for analog phones and faxes to a home, home office or corporate LAN. Connecting to any analog phone, fax or PBX, the SmartLink product is a cost-effective solution for small offices and telecommuters to access Internet-based telephone services and corporate intranet systems across established LAN and Internet connections like xDSL and cable modems.

The M-ATA provides one Ethernet (RJ-45) port and one FXS (RJ-11) analog phone port for quick and easy interconnection to the local LAN. LEDs show at-a-glance the status of the system, LAN, WAN, and phone ports.

A full suite of IP features (DHCP, NAT/PAT) are available to maximize universal connectivity. VLAN tagging and prioritization enables voice traffic to be handled before data traffic insuring higher quality voice calls. Support for PPPoE tunneling simplifies extending corporate intranet services to telecommuters.

The user friendly web interface offers two levels of configuration; level one covers basic subscriber specific parameters, level two offers advanced settings for the transport network. Configuration and firmware can be downloaded from a centralized TFTP or HTTP server.

The M-ATA is SIP standard compliant. Analog phones attached to the SmartLink can use advanced calling features such as call forwarding, caller ID, 3-way calling, call holding, call retrieval and call transfer. Visit www.patton.com for more information.

Ultra-Miniature

Smallest full-function analog telephone adapter available today!

Supports Over 20 Voice Calling Features

Call waiting, call conference, caller ID, hotline, distinctive ring and more!

NAT, DHCP, PPPoE

Provides maximum connectivity across firewalls and transport networks.

SIP Signaling

Deploy into any multimedia, interactive, or softswitch network with the leading call and session signaling protocol.

Toll Quality CODECs & T.38 Fax

Use standard G.711 or G.726 CODECs for toll-quality voice, or G.723 or G.729 for low-bandwidth applications.

Centralized Management

HTTP/SNMP manageable from any location.

PATTON

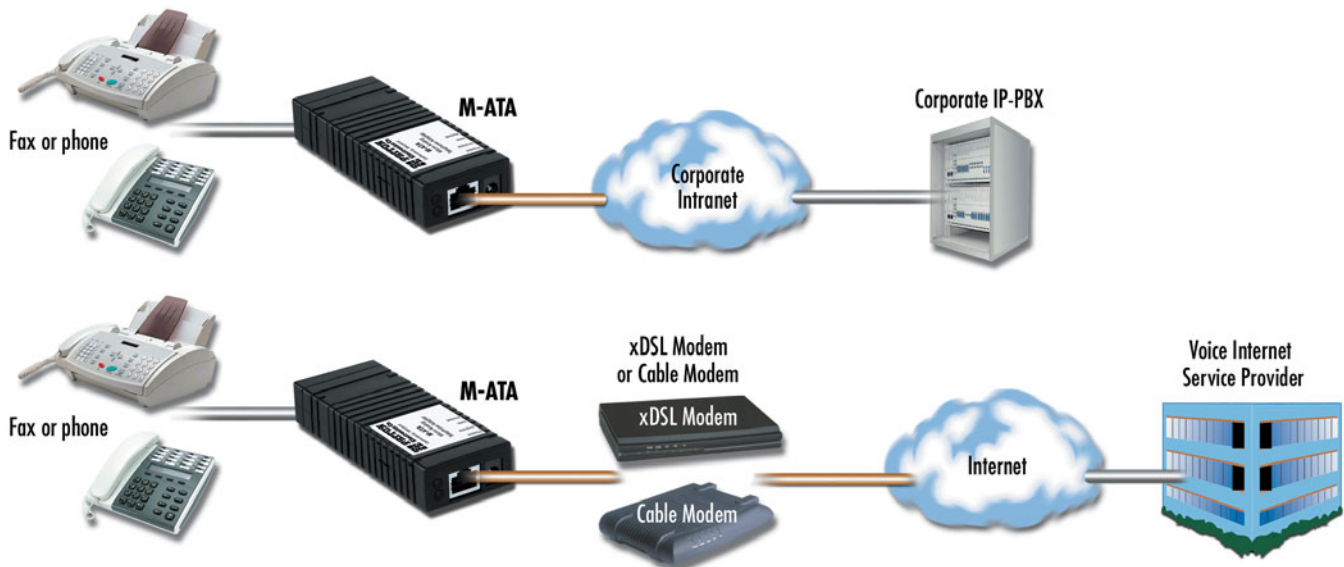


Yes, they really are this small!
These feature-packed telephone adapters are small enough to fit in your pocket!

- ✓ Easy to set up
- ✓ Pocket-sized, take the M-ATA anywhere
- ✓ Converts "standard" analog phones to VoIP
- ✓ Works with any broadband modem that has an Ethernet port
- ✓ Toll quality CODECs and QoS for enhanced voice quality

Typical applications

Patton's Micro Analog Telephone Adapter provides seamless access to Internet telephony and data services. The M-ATA connects to any broadband access provider via a cable or xDSL modem.



Specifications

Voice Connectivity

2-wire Loopstart, RJ-11/12
Short haul loop 1.1 km @3REN
Caller-ID Type-1/2 FSK and ITU V.23/Bell 202 generation

Connectivity

1 10/100Base-TX Full Duplex/Autosensing
Ethernet RJ-45

Voice Processing

SIP
Voice CODECS

- G.711 A-Law/ μ -Law (64 kbps)
- G.726 (ADPCM 40, 32, 24, 16 kbps)
- G.723.1 (5.3 or 6.3 kbps)
- G.729ab (8 kbps)

 G.168 echo cancellation
2 parallel voice connections
DTMF detection and generation
Carrier tone detection and generation
Silence suppression and comfort noise
Configurable dejitter buffer

DTMF in-band & out-of-band
Configurable transmit packet length
RTP/RTCP (RFC 1889)
STUN

Fax and Modem Support

G.711 transparent FAX
T.38 Fax relay (9.6 k, 14.4 k)

Voice Services/Features

Anonymous CallerID block
Call blocking
Call forward — on busy
Call forward — selective
Call forward — unconditional
Call hold/retrieve
Call return
Call transfer — blind
Call transfer — with consultation
Call waiting/retrieval
Caller-ID
Conference drop

Conferencing (3-way calling)
Distinctive ring
Do not disturb
Hotline calling
Incoming CallerID on/off
IP URL dialing
Message waiting indication
Self-caller ID block
Speed dial
Voicemail message retrieval
Warmline calling

IP Services

NAPT
DHCP client
PPPoE
Programmable static routes
ICMP redirect (RFC 792); Packet fragmentation
VLAN support 802.1p/q

Management

Browser configuration interface

Multilevel security access
TFTP & HTTP configuration & firmware loading
SNMP v2 agent (MIB II and private MIB)
Syslog support

Operating Environment

Operating temperature: 0–40°C (32–104°F)
Operating humidity: 5–80% (non condensing)

System

Power: 100–240 VAC (50/60 Hz)

Physical

Dimensions:
3.6L x 2.1W x 0.78H in.
(9.0L x 5.3W x 1.9H cm)
Weight: 0.2 lbs (0.09 kg)

Compliance

EMC compliance: EN55022 and EN55024
Safety compliance: EN 50950
CE compliance
FCC Part 15 Class B

Model Information

M-ATA-1/EUI/K

VoIP Micro-Analog Telephone Adaptor, 1 FXS, 10/100Base-TX, External 110–240 VAC, North American Power Cord

M-ATA-1/EUI/A

VoIP Micro-Analog Telephone Adaptor, 1 FXS, 10/100Base-TX, External 110–240 VAC, European Power Cord



07MMATA-DS2