

Datasheet

MD-18 ATA

Analog Telephone Adapter

(Dial-up modem & Ethernet)

Connect Port

- 1 x FXS + 1 x PSTN
- 1 x RJ-45 LAN Ethernet 10/100 Port
- 1 x RJ-45 WAN Ethernet 10/100 Port

Voice Processing

- Proprietary MediaRing audio for superior voice quality
- Transparent pass through
- G.168 echo cancellation
- Carrier tone detection and generation
- Silence suppression and comfort noise
- DTMF Out band Relay (FXS)
- DTMF detection and generation (FXS)
- Q.931 Fast Start
- Support Caller ID (FSK)

Voice Signaling

- Support SIP simultaneous VoIP calls
- NAT Traversal
 - Outbound Proxy
 - STUN Server
- Register up to 4 Server simultaneously
- Adaptive Jitter Buffer function
- Multiple call profile for different parameters

Router Functions

- Support static and dynamic IP from DHCP, PPPoE, PPPASYNC modes
- Build-in DHCP Server
- Dynamic DNS Support
- Support Network access rules (LAN to WAN & WAN to LAN)
- Self-Protection against DoS Attacks
- Support NAT through function
- Supported Protocol: UDP, TCP, NAT, TFTP, FTP, HTTP, TELNET, IEEE 802.3/ IEEE 802.3u
- Support SNMP, SNTP, HTTP, FTP, NAT, DNS, uPnP, DDNS
- NAT function: Virtual Server, Port mapping, ALG, DMZ, Static routing table
- Firewall option: Client filtering, URL filtering, MAC control, Drop Port scans
- Support IP TOS (Type of Service) for VoIP

VoIP/PSTN smart call router

- IP/PSTN Dual Accesses –Incoming and outgoing calls from both IP and PSTN networks use the same POTS phone set.
- Smart routing select between VoIP and PSTN by prefix number
- Maintain the call by bypass relay when power failure (metallic bypass)
- Direct analog bypass route when call between Line and Phone

Management

- Auto-Provisioning Via Automated Centralized Configuration File
- Web Interface Management
- Configuration Restore/Backup
- TELNET
- 1 Reset button for load factory default.

LED Indicators

- Power, Ready, WAN, LAN, LINE, PHONE

Power

- External AC Power Adapter
- 12V DC, 400mA

Temperature

- Operation: 0° C to 50° C

Humidity

- Up to 95% Non-Condensing

Dimensions

- 145 x 133 x 30 mm (W/D/H)
- Weight : 355g

Warranty

- One Year Limited Warranty

Dial up / Broadband

Dial up and broadband selective for VoIP call

