Product Name: Mediatrix 1124 FXS VoIP Gateway
Manufacturer: -
Model Number: 1124

Please Note: The Mediatrix 1124 has been discontinued. For an alternative, we highly recommend the Mediatrix C730 VoIP Gateway.

Mediatrix 1124 FXS VoIP Gateway
The Mediatrix 1124 is a high-quality and cost efficient VoIP gateway connecting larger branch offices and multi-tenant buildings to an IP network, while preserving investment in analog telephones and faxes.
It allows Services Providers to deploy rapidly and economically their solutions in medium-size premises and it is the ideal solution for branch office connectivity to larger private networks.
The Mediatrix 1124 connects up to 24 analog phones and/or faxes to a broadband modem or LAN.
The Mediatrix 1124 enables cost-effective VoIP deployments in medium-size branch offices and multi-tenant applications.
The Mediatrix 1124 has the additional benefit of supporting high compression codecs simultaneously on each analog voice ports, thus saving valuable bandwidth.
As all other Mediatrix devices, the 1124 provides web interface, giving users a convenient access to the unit for initial set-up. The devices can also auto-provision by fetching their encrypted configuration from a TFTP or HTTP server making installation secure and transparent to the end-users. To further facilitate deployments, factory loaded configurations are possible.
In addition, an optional intelligent PSTN bypass allows Mediatrix 1124 users to make emergency calls and maintain their phone service in the event of a power outage or network failure
Mediatrix 1124 Key Benefits
Voice Functionalities

• Carrier-grade voice quality
• T.38 support
• PSTN bypass option available for emergency calls

Ease of configuration and management

• Automatic firmware and configuration file download
• SNMP and web management
• TFTP or HTTP auto-provisioning

Security

• Support for SNMPv3
• Encrypted configuration files support
• HTTP Digest authentication

Network functionalities

• QoS Support
• DHCP client
• Interoperable with equipment from leading industry vendors
• STUN Client

Enhanced Telephony Features

• Call Forward / Call Transfer / 3-way Conference Call /Call Waiting / Caller ID on Call Waiting / Call on Hold
• H.245 and Out-of-Band DTMF (H.323)
• H.450 basic services (H.323)
• Dynamic De-Jitter Manager
• Voice Activity Detection

Mediatrix 1124 Technical Specifications
IP Telephony Protocol

• SIP V RFC3261,H323, MGCP/NCS

Real-Time Transport Protocol

• RTP/RTCP per RFC 1889 and RFC 1890, RFC 2833, RFC 3389

Vocoders

• G.711 (a-law, U-law), G.723.1, G.726, G.729a, ab

Echo Cancellation

• G.168

Silence Suppression

• Silence detection / suppression and Comfort Noise Generation level software adjustable.

Real-Time Transport Protocols

• RTP/RTCP V RFC1889, RFC1890, RFC2833, RFC3389

Network Management Protocols

• SNMPv3, HTTP (SIP only), TFTP, DHCP

WAN Connection

• 1 10/100 Base T Ethernet RJ-45 connector

Analog Connection

• 1 RJ-21X TELCO 25 pairs connector, analog phone/fax (FXS) interface

Bypass Connection

• 1 RJ-11 connector, PSTN bypass

QoS

• ToS, DiffServ, 802.1p, 802.1Q

Real-Time Fax

• Group 3/Super G3 Fax real-time FoIP over clear channel (G.711), G.726 or T.38

Operating Environment

- Operating temperature: 0°C to 40°C
- Storage temperature: -20°C to 70°C
- Humidity: up to 85%, non-condensing

Power Supply

- AC: Standard power cord receptacle (IEC 320-C14) for universal AC input internal SMPS

Unit Dimensions and Weight

- 4.4 cm x 43.0 cm x 21.0 cm (1.74 in. x 17.9 in. x 8.4 in)
- Unit Weight 1781 g (3.9lbs)

Please Enquire