

Mediatrix[®] 1204

IP Telephony Device

Key Benefits:

- Cost-effective analog VoIP gateway enabling high-value IP Telephony applications.
- IP connectivity for up to four analog PSTN lines from the Central Office.
- PSTN access to and from a VoIP network.
- Connects legacy PBX systems to a VoIP network.
- Deployable in a SIP or H.323 based VoIP network.
- Auto configurable, remotely manageable and upgradeable.
- Interoperable with products of leading industry vendors.

Product Specifications



The **Mediatrix[®] 1204** is an analog VoIP gateway that connects up to four analog PSTN lines from the Central Office to a corporate VoIP network, through a single 10/100 BaseT Ethernet port, thus providing convenient access from an IP Telephony network to PSTN users around the world. In addition, as a unique low-density analog gateway, the **Mediatrix 1204** provides a cost-effective solution for routing traffic from Legacy PBX systems onto a VoIP network.

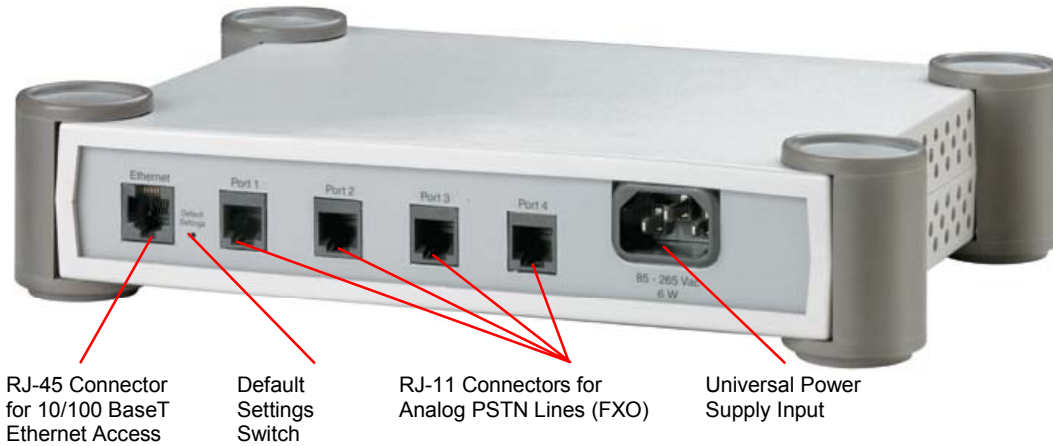
To ensure maximum flexibility, the **Mediatrix 1204** can be configured to support the SIP or H.323 IP Telephony signaling protocol, can dynamically detect the most commonly used IP Telephony codecs and fax protocols, including T.38, and can be auto-provisioned, remotely managed and upgraded through Mediatrix' own innovative and user-friendly tool, the User Manager Network.

For **Enterprises**, the **Mediatrix 1204** not only extends PBX reach to remote locations, but when configured with a Call Server, it can offer PSTN connectivity to IP Phones and PC Clients, a feature requested by many end-users on IP endpoints. Moreover, by connecting Central Office lines from selected sites to a VoIP network, the Mediatrix 1204 enables **Service Providers** to offer IP-based application services to PSTN users worldwide, thus enhancing their revenue-generating opportunities.

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Technical Specifications

Rear view of the Mediatrix 1204



IP Telephony Protocols	SIP, H.323
Vocoders	G.711 (A-law, μ -law), G.723.1, G.729a,b
Echo Cancellation	G.168
Silence Suppression	Silence detection / suppression level software adjustable
Network Management Protocols	SNMPv2 (SIP), HTTP (H.323), TFTP, DHCP
Real-Time Transport Protocols	RTP per RFC 1889, RFC 1890, RTCP
Ethernet Connection	1 RJ-45 connector, 10/100 BaseT Ethernet access
PSTN Connection	4 RJ-11 connectors, analog line (FXO) interface
QoS	802.1q, DiffServ
Real Time Fax	Group 3/Super G3 Fax real time FoIP over clear channel (G.711) or T.38
Certifications	<p>Safety: UL60950 3rd Edition (2000); CAN/CSA-C22.2 No. 60950-00; AS/NZS 3260: 1993 Class B Incorporating A1, A2, A3 and A4; ACA Technical standard TS001-1997.</p> <p>EMI / EMC: FCC Part 15: 1998 Class A; EN55022 (1994) Class A with amendment 1(1995) and 2 (1997); EN61000-3-2: 1995, EN61000-3-3: 1995; AS/NZS 3548: 1995 Class A; EN55024: 1998.</p> <p>Telecom: FCC Part 68: Subpart D; Industry Canada CS-03 issue 8, Part 1; TBR 21: January 1998; ACA Technical standard TS002-1997.</p> <p>Agency Approvals: CE Marking; UL/c-UL Marking; JATE Marking.</p>
Operating Environment	<p>Operating temperature: 0°C to 55°C</p> <p>Storage temperature: -20°C to +70°C</p> <p>Humidity: up to 80 %, non-condensing</p>
Power Supply	Universal power supply, (100-250 Vac 50/60Hz) with a standard IEC320 input connector.
Dimensions & Weight	<p>Height: 5.5cm, 2.2 in, Width: 26cm, 10.2 in</p> <p>Depth: 18 cm, 7.0 in, Weight: 580g, 1.8lbs</p>