

# Mediatrix 502-10 Survivable SIP eSBC Session Border Controller - 10 VoIP Calls



Product Name: Mediatrix 502-10 Survivable SIP eSBC Session Border Controller - 10 VoIP Calls

Manufacturer: Mediatrix

Model Number: 502-10

Please Note: The Mediatrix 500-10 eSBC has been discontinued. For an alternative, we recommend the Mediatrix Sentinel-SBC-10 Session Border Controller (10 SBC sessions).

Mediatrix 502-10 Survivable SIP Demarcation eSBC Session Border Controller - 10 VoIP Calls  
The Mediatrix 502-10 SBC is a Small & Medium Business enterprise solution for SIP Demarcation that ensures the security of VoIP & Data communications between Service Providers and Enterprises' customer premises equipment (CPE). Mediatrix 502-10 Survivable SIP eSBC - 10 VoIP Calls benefits

- Service Provider Demarcation Point
- Normalization of SIP Signaling
- Wide Interoperability with SIP vendors
- Resolution of NAT traversal issues
- Support to Remote Workers
- Diagnostics & Debug Logs email notification
- Security and Control
- Multimedia communication
- TR-069 for massive deployments
- Advanced Quality of Service
- Call Admission Control
- Display and front panel keys
- On-line Wizard for easy installation

The Mediatrix 502-10 eSBC simplifies SIP Trunk deployments providing seamless integration with iPBX and SIP Clients without the need for configuration changes to devices on customer premises.

The Mediatrix 502-10 Survivable SIP Demarcation eSBC Session Border Controller - 10 VoIP Calls enables Quality of Service for IP Telephony and high-quality IP-TV on the LAN. It ensures service availability to all terminals on the LAN, and remote locations on the WAN.

The Mediatrix 502-10 eSBC provides Fast Ethernet and optional built-in ADSL modem interfaces, in addition to 2 FXS Ports for analog adapter and 1 FXO Port working as a gateway for calls from SIP-based IP telephony systems to Public Switch Telephone Networks. This can be used for emergency calls, IP telephony back-up and integration of wired lines.

The Mediatrix 502-10 eSBC also includes an embedded Enterprise Router & Firewall with 4-Port Ethernet Switch fully addressing real-time and SIP-based applications on the LAN.

Technical Specification

IP Telephony Protocol

- SIP Trunk
- SIP Server
- Far End NAT Traversal
- TLS
- 5 simultaneous sessions
- Optional configurations from factory with 10 or 20 simultaneous sessions
- Additional Licenses can also be ordered On-Line

IP Telephony Protocol

# Mediatrix 502-10 Survivable SIP eSBC Session Border Controller - 10 VoIP Calls

- SIP & RFC 3261

## WAN Connection

- 1 x 10/100 BaseT Ethernet RJ-45 connector

## LAN Switch

- 4 x 10/100 Base-T Ethernet RJ-45 connectors

## Enhanced Security

- X.509 Certificate management.
- TLS1 transport method. Supports VPN termination supporting IPSec with Certificate handling.
- Hardware acceleration for DES, 3DES and AES encryption.

## Management

- Web-based GUI
- TR-069 for massive deployments

## Management Services

- All Services to All Devices on the LAN
- Firewall Protection on all PVCs / VLANs
- Full QoS on the Multimedia LAN
- SIP Communication via all VCs
- IP-TV
- Video On Demand (RTSP Proxy)

## Access Router

- Easy IP Address Handling
- Dynamic DNS Client
- Can be used as separate subnets or DMZ
- Wireless interface can be bridged to the wired LAN

## QoS

- TOS/DiffServ, IEEE 802.1p/Q

## Ethernet Connection

- 5 x 10/100 BaseT Ethernet RJ-45 connectors

## Power Consumption

- 3-6 watts depending upon configuration.

## Dimensions

- 15.4 cm x 16.4 cm x 3.2 cm - 6.06 in. x 6.46 in. x 1.26 in. (approx.)

**Please Enquire**

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VoIPVN <http://voip.com.vn>