Epygi QuadroM8L IP PBX

Product Name: Epygi QuadroM8L IP PBX

Manufacturer: -

Model Number: QuadroM8L

Epygi QuadroM8L - Small Business IP PBX Solution
The QuadroM8L answers that demand with increased IP ports and enhanced features for medium-sized offices. Now offering eight (8) FXO lines and up to 96 IP phone users, the QuadroM8L allows for large growth for maturing companies. Also added to the QuadroM8L are audio input and output ports for music on hold and paging speaker connections. Additional storage options include a compact flash slot or an external FTP server for recorded calls or system backups.Features

ï¿½ Call blocking, Forwarding, Hold, Transfer
ï¿½ Call relay, Call waiting, Caller
ï¿½ ID Detection
ï¿½ Voice mail
ï¿½ Call park, Pickup, Paging, Intercom
ï¿½ Multi-level auto attendant with Interactive
ï¿½ Voice Response (IVR) and VoiceXMLv2 support
ï¿½ Voice mail with SMS notification
ï¿½ Distinctive ringing

Call blocking, Forwarding, Hold, Transfer Call relay, Call waiting, Caller ID DetectionVoice mailCall park, Pickup, Paging, IntercomMulti-level auto attendant with Interactive Voice Response (IVR) and VoiceXMLv2 supportVoice mail with SMS notificationDistinctive ringing
The QuadroM8L can support up to 45 concurrent calls for 98 users and further enhancing the quality of experience with advanced features. These features include Automatic Call Distribution (ACD) for call centers, audio conferencing, call recording and barge-in features. Advanced features are purchasable items, so customers can choose what they pay for instead of being locked into a one-size-fits-all solution. Even though the QuadroM8L is designed for medium-size offices, the new owner can be comfortable knowing they are using an enterprise-grade solution backed by Epygi’s support and guaranteed reliability.
Enterprise Features for Small Office This solution is intended for small to medium offices that demand features and reliability that is normally reserved for very large enterprise customers. The QuadroM8L can cost effectively provide that enterprise-grade product at a small business price.Future Proof SolutionThe QuadroM8L currently supports a number of the latest features on the market today. But as feature demands change, so can this solution with free upgrades. If customers invest in an Epygi solution, they invest in their company’s future as well. Note: Please refer to the Epygi IP PBX Range Detailed Comparison Table for more information.
Technical Specifications
PBX Features

ï¿½ Call blocking, Forwarding, Hold, Transfer
ï¿½ Call relay, Call waiting, Caller
ï¿½ ID Detection
ï¿½ Voice mail
ï¿½ Call park, Pickup, Paging, Intercom
ï¿½ Multi-level auto attendant with Interactive
ï¿½ Voice Response (IVR) and VoiceXMLv2
ï¿½ support
ï¿½ Voice mail with SMS notification
ï¿½ Distinctive ringing
ï¿½ Speed dialing
ï¿½ Many extension ringing

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ï¿½ Receptionist
ï¿½ Call hunting, Hiding Caller ID
ï¿½ Automated Call back from Auto
ï¿½ Attendant
ï¿½ Hold music
ï¿½ Call statistics
ï¿½ Do Not Disturb
ï¿½ Unified messaging
ï¿½ 3-way conferencing
ï¿½ Hotline service
ï¿½ T.38 fax, fax relay and clear channel fax
ï¿½ Unified Fax Messaging
ï¿½ Busy auto-redial
ï¿½ Directory assistance
ï¿½ Dial plans (call routing)
ï¿½ Time of day routing
ï¿½ Call Queue
ï¿½ Voice Mail profile
ï¿½ Automatic Call Distribution*
ï¿½ Call Recording (20 ports) *
ï¿½ Barge-in *
ï¿½ Audio (32 ports)/Video (10 ports)
ï¿½ Conference Server * *Requires a software license key

Voice and Video Features

ï¿½ Voice Coding: G.711, G.726 (16, 24, 32, 40 Kbps), G.729A, iLBC (13,33 kbit/s, 15,2 kbit/s);
VAD, CNG, G.168 echo cancellation G.722 pass-through point-to-point HD call
ï¿½ Video Coding: H.263 and H.264 pass-through point-topoint video call
ï¿½ VoIP Encryption: SRTP
ï¿½ VoIP Signaling SIP, SIP/TLS DTMF In band & out of band signaling support.

VoIP Data and Signaling Protocols

ï¿½ ITU-T G711, G.726, G729 Annex A; IETF RFC 3951- iLBC; ITU-T Q.23, Q.24;
ï¿½ Bellcore GR.506, GR.181; ITU-T G.168- 2000, 2002; ETS_300659_1,2,3;
ï¿½ SIP, SIPS/TLS (RFCs: 2246, 3261, 3263, 3265, 3311, 3323, 3324, 3325, 3428, 3515, 3578,
3581, 3725, 3842, 3856, 3863, 3891, 3892, 4028, 4235)
ï¿½ SDP (RFC: 2327, 4568)
ï¿½ RTP/SRTP (RFCs: 1889, 1890, 2833, 3389, 3550, 3551, 3555, 3711, 4733, 3952),
ï¿½ Fax over IP (ITU-T: T4, T30, T38, V17, V21, V27 ter, V29)

POTS Signaling

ï¿½ Loop start
ï¿½ FSK and DTMF Caller ID support

Physical interfaces

ï¿½ Premise connections: 2 FXS short-loop FXS ports (RJ-11) 1 LAN Ethernet 10/100 BASE-T
port (RJ-45)
ï¿½ Uplink connections: 8 FXO ports to the Central Office (RJ11) 1 WAN Ethernet 10/100
BASE-T (RJ45)
ï¿½ Audio port connections: Line-in/Line-out (Line-in Signal Level-0,5 V RMS, Line-out Load
Resistance - 600 Ohm to 10K Ohm)

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Codecs, Audio

ï¿½ Wideband audio
ï¿½ G.711 A-law, μ-law
ï¿½ G.722 (wideband)
ï¿½ G.726, G.729AB, GSM 6.10 (FR)
ï¿½ Comfort Noise Generator (CNG)
ï¿½ Voice Activity Detection (VAD)

Phones

ï¿½ IP phones: 32 SIP phones by default 64 additional SIP phones may be added with feature keys All SIP phones can be connected both from LAN or WAN side Plug-and-Play with select IP Phone manufactures
ï¿½ Analog phones: 2 Analog phones (or other analog devices) to connect via FXS ports

System Capacity

ï¿½ Up to 45 simultaneous VoIP calls with external parties
ï¿½ Unlimited station to station calling for IP phones
ï¿½ Unlimited station to station calling for analog phones 8 analog PSTN calls with external parties

External Storage

ï¿½ Compact Flash

System Management

ï¿½ Multilingual WEB interface accessible from LAN and WAN (HTTP/HTTPS) Password control
ï¿½ Remote diagnostics and software upgrade
ï¿½ Auto-provisioning
ï¿½ VoIP Carrier Wizard
ï¿½ Download/restore configuration
ï¿½ Legible and editable configuration files
ï¿½ Auto-configuration of IP phones via TFTP and HTTP SNMP Monitoring and Configuration
ï¿½ Third Party Call Control XML RPC
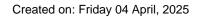ï¿½ Reset button with factory reset option Custom Language Pack

Billing

ï¿½ Radius Client (RFCS: 2865, 2866)

Diagnostics/Testing

ï¿½ LEDs: Busy, Info, Fault, LAN, WAN, Loop settings Remote testing

Internet

ï¿½ STUN/NAT traversal (RFC 3489)
ï¿½ IPSec VPN with DES, 3DES amnd AES encryption in tunnel mode (RFCs: 2402, 2406, 2409). Manual and automatic IKE key support
ï¿½ PPTP VPN
ï¿½ L2TP VPN

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ï¿½ Firewall security via: Intrusion Detection System NAT (Network Address Translation) Policy and service-based filtering Stateful inspection firewall
ï¿½ DHCP server on the LAN side
ï¿½ DHCP client on the WAN side
ï¿½ DNS server with forwarding functionality
ï¿½ SNTP (Simple Network Time Protocol) server/client for computer clock synchronization PPPoE connection to the ISP with PAP/(MS)CHAP authentication
ï¿½ IP DIFFSERV for QoS
ï¿½ Virtual LAN (VLAN/IEEE 802.1Q)
ï¿½ Mail client to send voice and fax messages as e-mail attachments (.wav and .tif) and system notifications
ï¿½ DNS (DYNDNS) support with third party NAT/Router with port forwarding and port translation.

Physical Dimensions

ï¿½ Rack-mountable devices: Measurements: 19" x 7.56" x 1.77" (48.0 x 19.2 x 4.5 cm)
ï¿½ Weight: 2.47 lbs.(1090 g)

Conditions

ï¿½ 41°F - 104°F (5°C - 40°C) operating temperature
ï¿½ 41°F - 140°F (5°C - 60°C) storage temperature
ï¿½ 5% - 90% non-condensing humidity

Power Supply

ï¿½ Input 100 - 240 VAC; 50/60 Hz; 0.5 A

Regulatory Compliance

ï¿½ Telecom: TBR12/TBR13; AS/ACIF

Please Enquire