Product Name: Epygi Quadro4L IP PBX Four FXO and Two FXS Ports

Manufacturer: -

Model Number: Quadro4L

Epygi Quadro4L IP PBX Four FXO and Two FXS Ports
The Epygi Quadro4L was designed with those requirements as primary attributes and is the main focus of all Epygi solutions. No matter the size of the customer, a company needs a telephony product that will provide a premium level of service every day on every call. In addition to superb quality, the Quadro4L offers a wide range of features including unified messaging, auto attendant, call relay, call queuing, fax to email, life line port and key system emulation.Features & Benefits

• Key System Simplicity
• True IP Solution
• Turn-key Installation
• No Expensive Licenses
• IP phones: 16 PBX Mode
• IP phones: 12 Key System Mode
• Add'l IP phones up to 24 in IP PBX Mode with key
• Concurrent Calls: 16

Technical Specifications
PBX Features

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

- Call hunting*, Hiding Caller ID*
- Automated Call back from Auto Attendant*
- Hold music
- Call statistics
- Do Not Disturb service*
- Unified messaging*
- 3-way conferencing*
- T.38 fax, fax relay and clear channel fax*
- Unified Fax Messaging*
- Busy auto-redial*
- Directory assistance*
- Dial plans (call routing)*
- IP Routing*
- Call Queue*
- Key System Emulation * Features not available in Key System
- Emulation Mode

Voice and Video Features

- 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
- Video Coding: H.263 and H.264 pass-through point-topoint video call
- VoIP Encryption: SRTP
- VoIP Signaling SIP, SIP/TLS
- DTMF In band & out of band signaling support.

VoIP Data and Signaling Protocols

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

POTS Signaling

- Loop start FSK and DTMF Caller ID support

Physical interfaces

- Premise connections: 2 FXS short-loop FXS ports (RJ-11) 1 LAN Ethernet 10/100 BASE-T port (RJ-45)
- Uplink connections: 4 FXO ports to the Central Office (RJ11) 1 WAN Ethernet 10/100 BASE-T (RJ45)

Phones

- IP phones: 16 SIP phones by default in PBX mode 8 additional SIP phones may be added with feature keys in PBX mode
- 12 SIP phones can be used in KSE mode
- All SIP phones can be connected both from LAN or WAN side
- Plug-and-Play with select IP Phone manufactures Analog phones:
- 2 Analog phones (or other analog devices) to connect via FXS ports

Auto Attendants and Virtual Extensions

• Auto Attendants: Up to 100 standard and custom AA can be registered Virtual Extensions: Up to 100 Virtual Extensions can be registered** **The total number of extensions used for IP phones, Analog phones, AA and virtual extensions can not exceed 100 extensions.

System Capacity

• Up to 16 simultaneous VoIP calls with external parties
• Unlimited station to station calling for IP phones
• Unlimited station to station calling for analog phones
• 4 analog PSTN calls with external parties

Management

• Multilingual WEB interface accessible from
• LAN and WAN (HTTP/HTTPS)
• Password control
• Remote diagnostics and software upgrade
• Auto-provisioning
• VoIP Carrier Wizard
• Download/restore configuration
• Legible and editable configuration files
• Auto-configuration of IP phones via
• TFTP and HTTP
• SNMP Monitoring and Configuration
• Third Party Call Control XML RPC
• Reset button with factory reset option
• Custom Language Pack
• Billing Radius Client (RFCS: 2865, 2866)
• Diagnostics/Testing
• LEDs: Busy, Info, Fault, LAN, WAN,
• Loop settings Remote testing

Internet

• STUN/NAT traversal (RFC 3489)
• IPSec VPN with DES, 3DES amnd AES encryption in tunnel mode (RFCs: 2402, 2406, 2409). Automatic IKE key support
• PPTP VPN
• L2TP VPN
• Firewall security via:
• Intrusion Detection System
• NAT (Network Address Translation)
• Policy and service-based filtering
• Stateful inspection firewall
• DHCP server on the LAN side
• DHCP client on the WAN side
• DNS server with forwarding functionality
• SNTP (Simple Network Time Protocol) server/client for computer clock synchronization PPPoE connection to the ISP with PAP/(MS)CHAP authentication
• IP DIFFSERV for QoS
• Virtual LAN (VLAN/IEEE 802.1Q)
• Mail client to send voice and fax messages as e-mail attachments (.wav and .tif) and system notifications
• DNS (DYNDNS) support with third party

• NAT/Router with port forwarding and port translation.

Physical Dimensions

• Desktop devices, wall-mountable:
• Measurements: 7.41" x 6.24" x 1.77" (19 x 16 x 4.5 cm)
• Weight: 13 ounces (360 g)
• Conditions 41°F - 104°F (5°C - 40°C) operating temperature
• 41°F - 140°F (5°C - 60°C) storage temperature
• 5% - 90% non-condensing humidity
• Power Supply Input 100 - 240 VAC; 50/60 Hz; 0.5 A
• Output 12.0 VDC; 1.5 A Regulatory Compliance
• Telecom: CTR21/TBR21, AS/ACIF

Please Enquire