

C. Stolk DO MA

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 & amp; Benefits

ï¿1/2 Key System Simplicity

آزا True IP Solution

� Turn-key Installation

� No Expensive Licenses

ï¿⅓ IP phones: 16 PBX Mode

ï¿1/2 IP phones: 12 Key System Mode

تزارط Add'l IP phones up to 24 in IP PBX Mode with key

� Concurrent Calls: 16

The Quadro4L is equipped with four (4) FXO ports to connect to the PSTN and two (2) FXS ports for analog phones or fax machines. Additionally included is SIP trunking, so the Quadro4L can connect directly to an Internet Telephony Service Provider (ITSP) at no additional cost. IP phones can also be registered directly with the IP PBX supporting up to 24 IP phones. These phones can either be manually connected or automatically configured by the Quadro4L. In key system mode, up to 12 IP phones can be used. Legacy Phone System Replacement Epygi designed the Quadro4L for deployment right out of the box as a turn-key solution. Using advanced plugand-play for IP phones, multiple FXO ports for PSTN access and two FXS ports, this IP PBX functions as a traditional PBX or key system. As a bonus, Epygi delivers features not found on traditional key systems. Business enhancements include after-hours auto attendant and unified messaging, among many others. Effortless AdministrationSophisticated auto-recognition and auto-configuration capabilities between the Quadro4L and certified IP phones simplify installation and operation. The administrator can modify automatic assignments through the Graphical User Interface. Also integrated into the Quadro4L is a fully featured router, DHCP and firewall with intrusion detection and prevention. Therefore, a complete small business network can be managed by a single device. Note: Please refer to the Epygi IP PBX Range Detailed Comparison Table for more information.

Technical Specifications PBX Features

ï¿1/2 Call blocking*, Forwarding, Hold, Transfer*

ï¿1/2 Call relay*, Call waiting*

� Caller ID Detection, Voice mail*

� Call park*, Pickup*, Paging*, Intercom*



- ï¿1/2 Multi-level auto attendant with Interactive
- ï¿1/2 Voice Response (IVR) and
- ï¿1/2 VoiceXMLv2 support*
- ï¿1/2 Voice mail with SMS notification*
- ï¿⅓ Distinctive ringing*
- ï¿1/2 Speed dialing*
- ï¿⅓ Many extension ringing*
- ï¿1/2 Receptionist
- ï¿1/2 Call hunting*, Hiding Caller ID*
- � Automated Call back from Auto Attendant*
- ï¿⅓ Hold music
- ï¿⅓ Call statistics
- � Do Not Disturb service*
- � Unified messaging*
- ï¿1/2 3-way conferencing*
- � T.38 fax, fax relay and clear channel fax*
- � Unified Fax Messaging*
- � Busy auto-redial*
- � Directory assistance*
- ï¿1/2 Dial plans (call routing)*
- � IP Routing*
- ï¿1/2 Call Queue*
- � Key System Emulation * Features not available in Key System
- ï¿⅓ 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

าั¿1/2 Video Coding: H.263 and H.264 pass-through point-topoint video call

� VoIP Encryption: SRTP

ï¿1/2 VoIP Signaling SIP, SIP/TLS

าั¿½ DTMF In band & amp; 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

17:1/2 Loop start FSK and DTMF Caller ID support

Physical interfaces

าั¿½ Premise connections: 2 FXS short-loop FXS ports (RJ-11) 1 LAN Ethernet 10/100 BASE-T port (RJ-45)

เช้น Uplink connections: 4 FXO ports to the Central Office (RJ11) 1 WAN Ethernet 10/100 BASE-T (RJ45)

Phones



าั¿½ 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

าั¿½ All SIP phones can be connected both from LAN or WAN side

រ៉េ្ស Plug-and-Play with select IP Phone manufactures Analog phones:

าั¿½ 2 Analog phones (or other analog devices) to connect via FXS ports

Auto Attendants and Virtual Extensions

ī¿½ 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

า๊¿½ Unlimited station to station calling for IP phones

าั¿½ Unlimited station to station calling for analog phones

� 4 analog PSTN calls with external parties

Management

17:1/2 Multilingual WEB interface accessible from

ï¿1/2 LAN and WAN (HTTP/HTTPS)

� Password control

เช่น Remote diagnostics and software upgrade

ï¿⅓ Auto-provisioning

� VoIP Carrier Wizard

� Download/restore configuration

17.1/2 Legible and editable configuration files

� Auto-configuration of IP phones via

TFTP and HTTP النات

ï¿⅓ SNMP Monitoring and Configuration

ï¿1/2 Third Party Call Control XML RPC

� Reset button with factory reset option

� Custom Language Pack

ï¿1/2 Billing Radius Client (RFCS: 2865, 2866)

� Diagnostics/Testing

تز 1/2 LEDs: Busy, Info, Fault, LAN, WAN,

� Loop settings Remote testing

Internet

ï¿1/2 STUN/NAT traversal (RFC 3489)

آزار IPSec VPN with DES, 3DES amnd AES encryption in tunnel mode (RFCs: 2402, 2406, 2409).

Automatic IKE key support

PPTP VPN ½ï

� L2TP VPN

� Firewall security via:

ï¿1/2 Intrusion Detection System

� NAT (Network Address Translation)

� Policy and service-based filtering

ï¿⅓ Stateful inspection firewall

� DHCP server on the LAN side

ï¿⅓ 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
- ï¿⅓ IP DIFFSERV for QoS
- ï¿1/2 Virtual LAN (VLAN/IEEE 802.1Q)
- 72% Mail client to send voice and fax messages as e-mail attachments (.wav and .tif) and system notifications
- تزارط 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)
- ï¿1/2 Weight: 13 ounces (360 g)
- آزار Conditions 41°F 104°F (5°C 40°C) operating temperature
- آذِرًا 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
- ï¿1/2 Telecom: CTR21/TBR21, AS/ACIF

Please Enquire