Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports

Product Name: Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports

Manufacturer: -

Model Number: Quadro2x2

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The Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports is a fully featured IP PBX for small office use. This solution offers two FXO analog PSTN connection, two FXS analog station ports and up to 24 IP phones. Additionally, this phone system is equipped with a built-in router with LAN and WAN ports to manage your office’s data network. A lifeline ability is enabled in case of power failures to allow one analog telephone the ability to make calls outside the office. The Qudaro2x2 can be setup for a very simple environment or configured for advanced users to take full advantage of the more powerful features. In additional, the Quadro2x2 is standards-based allowing users to decide for themselves what analog and IP handsets to use.Features & Benefits

ï¿½ Simple configuration and support
ï¿½ Based on industry standards
ï¿½ Limited upgrade costs
ï¿½ Fully featured out of the box
ï¿½ Analog phones: 2
ï¿½ IP phones: 16
ï¿½ Add'l IP phones with keys up to 24
ï¿½ Total extensions: 26
ï¿½ Concurrent Calls: 16

Features include automatic attendant, unified messaging, fax-to-email, voicemail-to-email, find-me follow-me and a number of other business critical features. All of these features are supported on the local telephones in the office and the remote users that are either on the road or work from home. A full web-based GUI interface included in the system allows for local and remote management and configuration. End users of the system have access to the user management interface where they can view all their call activity, voicemails and modify features related to their extension.VoIP Carrier Business Class ServiceFor other installations, the Quadro2x2 can function asa home office device offering advanced features forcustomers of a hosted data and voice provider. TheVoIP carrier can offer more functionality to the users byinstalling a Quadro2x2 in the users’ home and still offer the simplicity of a hosted service managed by a carrier. Remote Site SolutionThis product can also act as a slave or remote node to acorporate HQ IP PBX. Local phones can register on theQuadro2x2 and then SIP connect back to the HQ IP PBX to communicate with other employees. A secure VPN tunnel can also be setup between multiple Epygi IP PBXs. 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

Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports

ï¿½ Caller ID Detection, Voice mail
ï¿½ Call park, Pickup, Paging, Intercom
ï¿½ Multi-level auto attendant with Interactive
ï¿½ Voice Response (IVR) and
ï¿½ VoiceXMLv2 support
ï¿½ Voice mail with SMS notification
ï¿½ Distinctive ringing
ï¿½ Speed dialing
ï¿½ Many extension ringing
ï¿½ Receptionist
ï¿½ Call hunting, Hiding Caller ID
ï¿½ Automated Call back from Auto Attendant
ï¿½ Hold music
ï¿½ Call statistics
ï¿½ Do Not Disturb service
ï¿½ Unified messaging
ï¿½ 3-way conferencing
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 IP Routing
ï¿½ Call Queue

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
ï¿½ 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; 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

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

Phones

Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports

ï¿½ IP phones: 16 SIP phones by default in PBX mode 8 additional SIP phones may be added with feature keys in PBX mode

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

ï¿½ Plug-and-Play with select IP Phone manufactures

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

ï¿½ Auto Attendants and Virtual Extensions

ï¿½ Auto Attendants: Up to 100 standard and custom AA can be registered

ï¿½ 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

ï¿½ Up to 16 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

ï¿½ 2 analog PSTN calls with external parties

Management

ï¿½ Multilingual WEB interface accessible from

ï¿½ LAN and WAN (HTTP/HTTPS)

ï¿½ 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

ï¿½ TFTP and HTTP

ï¿½ SNMP Monitoring and Configuration

ï¿½ Third Party Call Control XML RPC

ï¿½ Reset button with factory reset option

ï¿½ Custom Language Pack

ï¿½ Billing Radius Client (RFCS: 2865, 2866)

ï¿½ Diagnostics/Testing

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

ï¿½ 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). Automatic IKE

ï¿½ key support

ï¿½ PPTP VPN

ï¿½ L2TP VPN

ï¿½ Firewall security via:

ï¿½ Intrusion Detection System

ï¿½ NAT (Network Address Translation)

ï¿½ Policy and service-based filtering

ï¿½ Stateful inspection firewall

ï¿½ DHCP server on the LAN side

ï¿½ DHCP client on the WAN side

Epygi Quadro2x2 IP PBX 2 FXO 2 FXS Ports

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
ï¿½ NAT/Router with port forwarding and port translation.

Physical Dimensions

ï¿½ Desktop devices, wall-mountable: Measurements: 7.41" x 6.24" x 1.77" (19 x 16 x 4.5 cm)
ï¿½ Weight: 13 ounces (360 g)
ï¿½ Conditions 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
ï¿½ Power Supply Input 100 - 240 VAC; 50/60 Hz; 0.5 A Output 12.0 VDC; 1.5 A
ï¿½ Regulatory Compliance
ï¿½ Telecom: CTR21/TBR21, AS/ACIF

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