Epygi Quadro2xi IP PBX, 1 ISDN Port 2 FXS Ports

Product Name: Epygi Quadro2xi IP PBX, 1 ISDN Port 2 FXS Ports

Manufacturer: -

Model Number: Quadro2xi

Please note that this product has been discontinued. For an alternative we recommend the Epygi IP PBX selection

Epygi Quadro2xi IP PBX, 1 ISDN Port 2 FXS Ports
The Epygi Quadro2xi is a fully-featured IP PBX for home offices and teleworkers as the Quadro2x is. The important difference is that Quadro2xi offers you one ISDN line instead of FXO and connects you via two B-channels of 64 kbit/s each to the digital PSTN. A 10BaseT Ethernet line provides access to the Internet. The Quadro2xi allows attaching two FXS phones and 8 fully-featured LAN IP phones. The 8 User Expansion increases the total number of LAN IP phones to 16. Additional virtual extension allow e.g., registering at various SIP servers. In addition, all extensions assigned to a line may be mirrored and act as remote IP extensions. Wherever you are, calls will reach you, and you will be able to make calls as if you were in your office.Fully-Featured IP PBXThe Quadro2xi offers the same multitude of features as the Quadro2x: extensive PBX functionality, integrated voicemail, cost saving call routing functionality, IP routing, SIP call signaling and much more. Integrated Internet Access RouterThe Quadro2xi IP PBX embodies a fully-fledged Internet access router with firewall security, including NAT, policy and service based filtering. An extensive IPSec VPN functionality with DES, 3DES and AES encryption makes an additional contribution to data security.VoIP CarriersThe Quadro2xi IP PBX is easily applicable for VoIP Carriers as well as small businesses. For VoIP carriers, a special wizard has been implemented that facilitates the configuration of Quadro2xi to work according to individual requirements. Note: Please refer to the Epygi IP PBX Range Detailed Comparison Table for more information.

Technical Specifications
PBX Features

ï¿½ Call blocking, Forwarding, Holding, Transferring
ï¿½ Call relay, Call waiting, Caller ID Detection
ï¿½ Voice mail
ï¿½ Call park, Pickup, Paging, Intercom
ï¿½ Multilevel auto attendant with Interactive Voice
ï¿½ Response (IVR) and 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

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ï¿½ Do Not Disturb service
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 dialing
ï¿½ Call Queue

Voice and Video Features

ï¿½ Voice Coding G.711, G.723 (5.3, 6.3 kbit/s), G.726 (16, 24, 32, 40 Kbps), G.729A, iLBC (13,33 kbit/s, 15,2 kbit/s); (ITU-T: G711, G.723.1 Annex A, G.726, G729 Annex A; RFC 3951 :iLBC; IETF;ITU-T Q.23, Q.24, Bellcore GR.506, GR.181; ITU-T G.168-2000, 2002; ETS_300659_1,2,3) NAT traversal (both manually and STUN) VAD, CNG, G.168 echo cancellation

Bandwidth Requirements

ï¿½ Per call WAN bandwidth requirements for the following codecs (non-encrypted/VPN encrypted): G.711a/G.711u 20 msec 84 kbps/105 kbps G.726-16 20 msec 37 kbps/59 kbps G.726-24 20 msec 45 kbps/65 kbps G.726-32 20 msec 52 kbps/74 kbps G.726-40 20 msec 60 kbps/80 kbps G.729a 20 msec 29 kbps/49 kbps G.723 30 msec 21 kbps/34 kbps iLBC 30 msec 27 kbps/41 kbps

Call Signaling

ï¿½ SIP on the WAN and LAN side (RFCs: 3261, 3263, 3265, 3311, 3323, 3324, 3325, 3428, 3515, 3578, 3581, 3725, 3891, 3892, 3842, 3856, 3863, 4028, 4235)
ï¿½ SDP (RFC 2327)
ï¿½ RTP (RFCs: 1889, 1890, 2833, 3389, 3550, 3551, 3555, draft-ietf-avt-rfc2833bis-05, draft-ietf-avt-rtpilbc-o5), in band and out of band signaling support
ï¿½ RTP Proxy
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

ISDN Signaling

ï¿½ ITU-T: Q.921, Q.931, Q.951; ETSI ETS300 102;
ï¿½ NTT INS64 for Japan

Extensions

ï¿½ Up to 70 extensions including FXS phones LAN IP
ï¿½ Phones remote and virtual extensions
ï¿½ All extensions can be registered on several SIP servers

LAN IP Phones

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ï¿½ 8 SIP phones by default
ï¿½ 8 additional SIP phones may be added with a feature key
ï¿½ Remote IP extensions may be enabled for all SIP phones

System Capacity

ï¿½ 10 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 simultaneous ISDN calls with external parties
ï¿½ Up to 4 simultaneous calls through a VPN

Premise Connections

ï¿½ 2 short-loop FXS ports (RJ11)
ï¿½ 1 Ethernet 10/100BASE T port (RJ45)

Uplink Connection

ï¿½ 1 ISDN port to the Central Office (RJ45)
ï¿½ 1 Ethernet 10BASE T (RJ45) (Other Quadro IP PBX models offer also FXO, ADSL or
G.SDSL uplink connectivity. Please refer t0 the corresponding Technical Data Sheets.)

Billing

ï¿½ Radius Client (RFCS: 2865, 2866)

Internet

ï¿½ STUN/NAT traversal (RFC 3489)
ï¿½ IPSec VPN with DES, 3DES and AES encryption in tunnel mode (RFCs: 2402, 2406, 2409).
Manual and automatic IKE key support
ï¿½ PPTP VPN
ï¿½ L2TP VPN
ï¿½ Firewall security via:
ï¿½ NAT (Network Address Translation)
ï¿½ IDS 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
ï¿½ DNS server with forwarding functionality
ï¿½ SNTP (Simple Network Time Protocol) server/client for computer clock synchronization
ï¿½ PPPoE connection to the ISP with PAP/(MS)CHAP authentication
ï¿½ IP DIFFSERV for QoS
ï¿½ Mail client to send voice messages as e-mail attachments (.wav) and system notifications
ï¿½ DNS (DYNDNS) support with third party
ï¿½ Port forwarding
ï¿½ Port translation

Management

ï¿½ Multilingual WEB interface accessible from LAN and
ï¿½ WAN (HTTP/HTTPS), the WAN management access can be switched off
ï¿½ Password control

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ï¿½ Remote diagnostics and software upgrade
ï¿½ Auto-provisioning
ï¿½ VoIP Carrier Wizard
ï¿½ Downoad/restore configuration
ï¿½ Legible and editable configuration files
ï¿½ Auto-configuration of IP phones via TFTP
ï¿½ SNMP Monitoring
ï¿½ Third Party Call Control XML RPC is available to order
ï¿½ Reset button with factory reset option
ï¿½ Custom Language Pack
ï¿½ Outlook Feature

Diagnostics/Testing

ï¿½ LEDs: Busy, Info, Fault, LAN, WAN, Line 1, Line 2
ï¿½ IP Call Quality Rating
ï¿½ Remote testing and VoIP diagnostics
ï¿½ Power-up diagnostics
ï¿½ Loop-back testing

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) 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
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 Safety: EN 60950; EMC: FCC Part 15 Class B; EN55022 Class B, EN55024; EN 60950;
ï¿½ Telecom: TBR3 (ISDN)

Please Enquire