Epygi QX1000 Pure SIP Enterprise IP PBX

Product Name: Epygi QX1000 Pure SIP Enterprise IP PBX

Manufacturer: -

Model Number: QX1000

Epygi QX1000 Pure SIP Enterprise IP PBX
The Epygi QX1000 introduces a new generation of Epygi products offering increased capacity for IP phones and licensable features. This solution supports 1,000 IP users and can handle 300 concurrent calls to outside parties. Continuing in the direction of Epygi’s current award-winning solutions, the QX1000 will provide enterprise customers a fully featured and costeffective product. Epygi has been enhancing the software for the IP PBX product range for over 10 years, and the same reliable software is now available in the QX1000. Features & Benefits

ï¿½ IP phones: 200 Add'l IP phones with keys: up to 1,000 in blocks of 16, 32 or 64
ï¿½ Concurrent Calls: 300
ï¿½ Ethernet LAN ports: 1
ï¿½ DMZ Ethernet backup: 1
ï¿½ Enclosure: Server rack mount
ï¿½ Enterprise-grade Solution
ï¿½ Greatly Increased Capacity
ï¿½ No Cost Software Upgrades
ï¿½ Core and Branch Office Solutions

A single server solution will provide a high level of stability, but for customers requiring another layer of protection, the QX1000 offers a hot standby option for additional peace of mind. Enterprise customers demand the latest in technology and the continued development necessary to prepare for the future, and this is why Epygi is the preferred choice. Software upgrades for Epygi products are regularly published at no cost for our customers. Feature development is never ignored to ensure an Epygi investment today offers the latest technology needed for tomorrow. More advanced features are easily enabled at increments to accommodate the customer’s growth. Some of these features include Video/Audio Conferencing, Barge-in, ACD for call centers, Call Recording, XML API, QCM softphone and outbound dialer tools. Other exciting tools and features are available without a license, including HotCall Outlook plug-in, Epygi Media Streamer for hold music, Quadro Configuration Console, HotKeyCall and point-to-point video calling.Analog and Digital SupportEpygi offers a large range of analog and digital gateways.These gateways can be easily connected to the QX1000 to add connections for analog phones, FXO, ISDN BRI, E1 and T1 trunks. Outside lines can be a mix of analog, digital or IP depending on the customer’s particular needs. Regardless of the connection type, the QX1000 can support 300 calls. Application Programmers InterfaceNo one customer is alike, and their required features may vary. The QX1000 can be enabled to support a full XML API for those unique situations. Integration with custom business applications or company websites are a few areas the XML API can enhance what the QX1000 will offer an enterprise customer. The API is always expanding as Epygi works with its customer base to continually enhance the product offering. Note: Please refer to the Epygi IP PBX Range Detailed Comparison Table for more information.

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Technical Specifications
PBX Features

ï¿½ Call blocking, Forwarding, Hold, Transfer
ï¿½ Call relay, Call waiting, Caller 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
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
ï¿½ Global speed dial
ï¿½ Find me/Follow me
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 Redundancy
ï¿½ Voice Mail profile
ï¿½ Automatic Call Distribution*
ï¿½ Call Recording (152 ports) *
ï¿½ Barge-in *
ï¿½ Audio (288 ports)/Video (104 ports)
ï¿½ Conference Server *
ï¿½ Auto Dialer application support* *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
ï¿½ 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;
ï¿½ SIP, SIPS/TLS (RFCs: 2246, 3261, 3263, 3265, 3311, 3323, 3324, 3325, 3428, 3515, 3578,

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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) Connectivi

Physical interfaces

ï¿½ Network connections: 1 Ethernet 10/100/1000 BASE T (RJ45)

Phones

ï¿½ IP phones: 200 SIP phones by default Up to 800 additional SIP phones may be added with feature keys Plug-and-Play with select IP Phone manufacturers

Auto Attendants and Virtual Extensions

ï¿½ Auto Attendants and Virtual Extensions
ï¿½ Auto Attendants: Up to 1,200 standard and custom AA can be registered
ï¿½ Virtual Extensions:
ï¿½ Up to 1,200 Virtual Extensions can be registered** **The total number of extensions used for IP phones, Analog phones, AA and virtual extensions can not exceed 1,200 extensions.

System Capacity

ï¿½ Up to 300 simultaneous VoIP calls with external parties Unlimited station to station calling for IP phones
ï¿½ Emergency Repair Boot-up Device DVD-ROM

Internet

ï¿½ Firewall security via: Policy and service-based filtering Stateful inspection firewall
ï¿½ DHCP server
ï¿½ SNTP (Simple Network Time Protocol) server/client for computer clock synchronization
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

Management

ï¿½ Multilingual WEB interface (HTTP/HTTPS)
ï¿½ Password control
ï¿½ Remote diagnostics and software upgrade
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
ï¿½ Third Party Call Control (XML RPC and Windows ActiveX interface)
ï¿½ Custom Language Pack
ï¿½ Billing and Statistic Radius Client (RFCS: 2865, 2866), CDRs

Physical Dimensions

ï¿½ Rack-mountable devices: Measurements: 16.8" x 14" x 1.7" (42.6 x 35.6 x 4.3 cm)
ï¿½ Weight: 15 lbs (6.8 kg)
ï¿½ Conditions 50°F - 95°F (10°C - 35°C) operating temperature

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ï¿½ -31°F - 140°F (-35°C - +60°C) storage temperature
ï¿½ 5% - 90% non-condensing humidity
ï¿½ Power Supply 100 - 240V, 50-60Hz, 4 Amp Max
ï¿½ Regulatory Compliance Power Supply Safety / EMC
ï¿½ USA - UL listed, FCC
ï¿½ Canada - CUL listed
ï¿½ Germany - TUV Certified
ï¿½ Europe/CE Mark
ï¿½ EN 60950/IEC 60950-Compliant

Please Enquire