QX **Gateways**

epygi ®

Features

	QXFXO4	QXISDN4	QXE1T1	QXFXS24
Physical interfaces				
FXO ports	4	N/A	N/A	N/A
ISDN BRI ports	N/A	4	N/A	N/A
E1/T1	N/A	N/A	1	N/A
FXS ports	N/A	N/A	N/A	24
Ethernet RJ-45	2	2	2	2
Capacity				
Simultaneous IP to PSTN Calls (max)	4	8	30 (E1)/24 (T1)	24
Call signaling and compression standards				
IP call signaling	SIP	SIP	SIP	SIP
PSTN signaling	loop start	ISDN BRI	CAS, PRI CCS	loop start
Voice coding	G.711, G.726, G.729, iLBC	G.711, G.726, G.729, iLBC	G.711, G.726, G.729, iLBC	G.711, G.726, G.729, iLBC
Fax	T.38, pass-through fax	T.38, pass-through fax	T.38, pass-through fax	T.38, pass-through fax
PBX features				
Unconditional call forwarding	yes*	yes*	yes*	no
Incoming call blocking	yes*	yes*	yes*	no
Outgoing call blocking	yes*	yes*	yes*	no
Call waiting	no	no	no	yes
External voicemail	no	no	no	yes
T.38 fax relay	yes	yes	yes	yes
Pass-through fax	yes	yes	yes	yes
Auto Attendant	yes	yes	yes	no
Zero-Out for Auto Attendant	yes	yes	yes	no

*Can be configured based on caller ID per each extension

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PBX features continued				
Auto Attendant call back for SIP callers	yes	yes	yes	no
Auto Attendant call back for PSTN callers	yes	yes	yes	no
Call redirection on Auto Attendant	yes	yes	yes	no
Auto Attendant ringing announcement	yes	yes	yes	no
Authorized phone database	yes	yes	yes	no
Multi-level IVR	yes	yes	yes	no
Configurable call routing	yes	yes	yes	yes
Date/time based routing	yes	yes	yes	yes
Routing with call duration limit	yes	yes	yes	yes
Overall call duration limit per routing entry	yes	yes	yes	yes
Global speed dialing	yes	yes	yes	yes
Call history	yes	yes	yes	yes
Automatic downloading of call history	yes	yes	yes	yes
SIP tunneling	yes	yes	yes	yes
Gateway Hosted Survivability	yes**	N/A	yes**	N/A

Note: All QX50/QX200 PBX features are available on QXFXS24 in shared mode.

Network				
Stateful inspection firewall	yes	yes	yes	yes
Policy and service filtering	yes	yes	yes	yes
Integrated NAT	yes	yes	yes	yes

** The HS feature is enabled by installing a software license key

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Network continued				
LAN DHCP server	yes	yes	yes	yes
WAN DHCP client	yes	yes	yes	yes
STUN/NAT traversal	yes	yes	yes	yes
VPN	yes	yes	yes	yes
OpenVPN	no	no	no	yes
VLAN	yes	yes	yes	yes
TLS	yes	yes	yes	yes
SRTP	yes	yes	yes	yes
SNTP	yes	yes	yes	yes
SMTP	yes	yes	yes	yes
SNMP	yes	yes	yes	yes
IDS	yes	yes	yes	yes
SIP IDS	yes	yes	yes	yes
PPPoE	yes	yes	yes	yes
DNS server	yes	yes	yes	yes
DYNDNS support	yes	yes	yes	yes
TOS/DIFFSERV	yes	yes	yes	yes
Management				
HTTP/HTTPS access to GUI	yes	yes	yes	yes
Local admin	yes	yes	yes	yes
Password control	yes	yes	yes	yes
Multi-language support	yes	yes	yes	yes
Plug-and-Play (PnP) with QX IP PBXs	no	no	no	yes

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Management continued				
PSTN trunk/line sharing with QX IP PBXs	yes	yes	yes	N/A
Radius	yes	yes	yes	yes
Network capture	yes	yes	yes	yes
Call capture	yes	yes	yes	yes
Remote testing	yes	yes	yes	yes
System configuration automatic backup and download	yes	yes	yes	yes
Legible configuration	yes	yes	yes	yes
Configuration download/restore	yes	yes	yes	yes
IDS logs	yes	yes	yes	yes
System logs	yes	yes	yes	yes
System event notification via SMS/email	yes	yes	yes	yes
System security diagnostics and audit	yes	yes	yes	yes
System status	yes	yes	yes	yes
Automatic firmware update	yes	yes	yes	yes