VoIPGA Interface Card

For CXR QX3440 | QX3440-S

Introduction

Physical Interfaces

- WAN: 1 x 100BaseTx
- LAN: 2 x 100BaseTx

Voice

- G.711 a/µ, G.726(32K), G.729A, G.723.1
- Silence Suppression and Detection
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)
- Echo Cancellation (G.168)
- Adjustable jitter buffer
- Adjustable packet time (by Codec type)
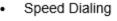- Programmable Gain Control
- Adjustable call progress tone volume

Telephony

- In-Band DTMF, Out-of-Band DTMF Relay
- (RFC2833 or SIP INFO)
- Caller ID
- T.30 FAX pass-through, T.38 real-time FAX Relay

SIP Call

- Peer to Peer Call
- Call Forward - unconditional, busy
- Do Not Disturb

- Speed Dialing
- Hot Line and Warm Line

Description

The VoIPGA plug-in card is designed for the CXR-QX3440 QX3440-S. This card is used as a VoIP Gateway to convert up to 60 voices and faxes channels to IP networks and in reverse direction. The VoIPGA works with FXS, FXO, E&M, Magneto, and E1/T1 interface modules on the QX3440. The VoIPGA card is built with high quality hardware DSP chips to provide stable and clear voice quality. It supports G.711 a/mu-law, G.726-32K, G.729A and G.723.1 voice compression format to ensure the best compatibility with other SIP devices.
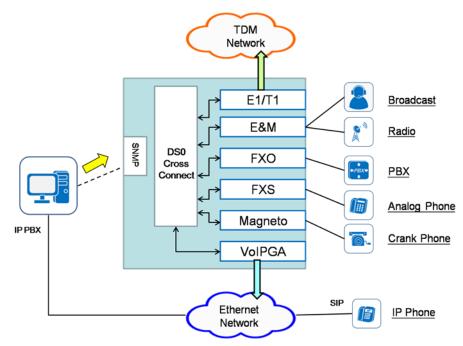
The VoIPGA plug-in card provides a cost effective solution for customers to connect legacy services to the IP network via VoIP technology.

Ordering Information

To specify options, choose from the list below:

Model (RoHS compliant)	Description
QX3440-VoIPGA	VoIP Gateway card with 1 WAN and 2 LAN 10/100Base-T interfaces. Supports up to 60 voice channels. Support G.711 a/mu-law, G.726-32K, G.729A and G.723.1 voice compression format SIP compliant.

Application Illustration

The information contained in this document is not contractual. CXR is evolving its products. Specifications may change without notice.