

OpenVox DE410P/DE410E Datasheet



Document Rev 0.01. Written by: james.zhu@openvox.cn

Quad Ports PRI Interface Cards

The DE410P/DE410E is a bundling of our leading D410P/E product and our new EC100 Octasic DSP-based echo cancellation module. The EC100 provides a certified carrier-grade algorithm that has been labeled a benchmark for echo cancellation for OpenVox. The new EC100 enables users to eliminate echo tails up to 128ms or 1024 taps across all 128 channels in E1 mode or 96 channels in T1/J1 modes. Further, this module takes advantage of the Octasic Voice Quality Enhancement to provide superior sound quality on all calls.

Target Applications:	System Requirements:
VoIP over Internet Protocol (VoIP) Services	RAM 128 + MB
Complex IVR Trees	Linux kernel 2.4.X or 2.6.X
"Meet-Me" Bridge Conferencing	CPU 800+ MHZ
Calling Card Platforms	PCI 2.2 Compliant for D410P
VoIP Gateways (support SIP, H.323, and IAX)	PCI Express 1.0 for D410E
Legacy PBX/IVR Services	
Voice/Data Router (replace expensive routers)	
PRI/Switch Compatibility - Network or CPE	

DE410P/E PRI Switch Compatibility:	DE410P/E Data Modes:
EuroISDN (PRI or PRA) - Q.931/Q.921	SyncPPP (both Fixed and Dialup)
Network or CPE	Cisco HDLC
AT&T 4ESS	Frame Relay
National ISDN 2	Multi-Link PPP
CAS Voice Modes	
DMS 100	
Lucent 5E	

DE410P/E CAS Voice Modes:
E&M Wink
Feature Group D
a-Law, μ -Law, and Linear Modes Supported

Physical Information:

Name:	Net weight (g)	Size (cm)
DE410P	116	13*10.3*2
DE410E	110	12.9*11.1*2
EC100	19	7.6*4.2*1.1

Misc:(D410P)	Misc:(D410E)	Misc:(EC100)
Temperature Operation: 0 to 50°C	Temperature Operation: 0 to 50°C	Temperature Operation: 0 to 50°C
Temperature Storage: - 65 to 125°C	Temperature Storage: - 65 to 125°C	Temperature Storage: - 40 to 75°C
Humidity:10 TO 90% NON-CONDENSING	Humidity:10 TO 90% NON-CONDENSING	Humidity:10 TO 90% NON-CONDENSING
Voltage:3.3V/5V	Voltage:3.3V	Voltage:3.3V/2.5V
Power Dissipation Max:2.6W/3.9W	Power Dissipation Max:2.83W	Power Dissipation Max:0.33W/3.5W

Disclaimers

Asterisk® is a registered trademark of Digium, Inc.