

OpenVox DE410P/DE410E Datasheet



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:

Voice-over Internet Protocol (VoIP) Services
Complex IVR Trees
"Meet-Me" Bridge Conferencing
Calling Card Platforms
VoIP Gateways (support SIP, H.323, and IAX)
Legacy PBX/IVR Services
Voice/Data Router (replace expensive routers)
PRI/Switch Compatibility - Network or CPE

System Requirements:

RAM 128 + MB
Linux kernel 2.4.X or 2.6.X
CPU 800+ MHZ
PCI 2.2 Compliant for D410P
PCI Express 1.0 for D410E

DE410P/E PRI Switch Compatibility:

EuroISDN (PRI or PRA) - Q.931/Q.921
Network or CPE
AT&T 4ESS
National ISDN 2
CAS Voice Modes
DMS 100
Lucent 5E

DE410P/E Data Modes:

SyncPPP (both Fixed and Dialup)
Cisco HDLC
Frame Relay
Multi-Link PPP

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

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