



OpenVox D110P/D110E Datasheet

Single Port PRI Interface Card

Document Rev0.01 Written by: james.zhu@openvox.cn

OpenVox D110P PCI is Asterisk® based E1/T1 voice/data card. It provides 30 channels of voice or data across four E1, T1, or J1 interfaces. It is selectable on a per-card or per-port basis. This feature enables signaling translations between E1 and T1 equipments and allows T1 channel banks to connect with E1 circuits in a cost effective way.

Target Applications	System Requirements
voice-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
VoIP Gateways (support SIP, H.323, and IAX)	
Legacy PBX/IVR Services	Physical Information:
Voice/Data Router (replace expensive routers)	Net weight (g) :54
PRI/Switch Compatibility - Network or CPE	size (cm) :12.3*6.5*1.8

D110P PRI Switch Compatibility	D110P 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	D110P CAS Voice Modes
Lucent 5E	E&M Wink
	Feature Group D
	a-Law, μ-Law, and Linear Modes Supported

Misc:

Temperature Operation: 0 to 50°C

Temperature Storage: - 65 to 125°C

Humidity:10 TO 90% NON-CONDENSING

Voltage:3.3V

Power Dissipation Max:1.2W

Notes:

For PbFree version of D110P, because the old version of infineon E1(PEB2256 v1.2) chip does not have PbFree package, We have to use the newer version of PEF2256 2.1 or 2.2, thus you must modify wcte11xp driver to support D110P and D110PG. Please download driver from OpenVox site.

Disclaimers

Asterisk® is a registered trademark of Digium, Inc.