

OpenVox V100-PTMC-400 Transcoding Card (Up to 400 transcoding Sessions)



Product Name: OpenVox V100-PTMC-400 Transcoding Card (Up to 400 transcoding Sessions)

Manufacturer: OpenVox

Model Number: V100-PTMC-400

OpenVox V100-PTMC Up to 400 transcoding Sessions, PMC V100-PTMC-400

The OpenVox V100-PTMC-400 new generation transcoding series delivers 3 models for different types of applications.

- Up to 400 transcoding sessions
- No Licensing Fees*
- PMC / Enclosure / Extending Evaluation Board / Ethernet card
- Reduce Host CPU Load
- Flexible Adaptability
- Provides RJ45 media/control flow paths.
- Works with Asterisk®; and FreeSWITCH®;

Overview

Because of its low bandwidth requirements, the voice data compression codecs, such as G.729, G.726, AMR, G.722, iLBC, etc., are commonly used in VoIP applications.

The V100-PTMC-400 from OpenVox is a PMC for transcoding. In addition, it is a PTMC for extending PMC to support stand telecom and telephony interfaces. It is usable with a wide range of PCC, PT2CC, PT3CC, PT5CC. and can provide CompactPCI/front-panel Gbe/Backplane Gbe/Local CT media/control flow paths. These features can save the cost and support flexible applications.

The V100-PTMC-400 can be worked with Asterisk®; and FreeSWITCH®;. In addition, the media message-based API makes the development easy since the messages and media flow communicate between the PCC's host and V100-PTMC-400 through Ethernet interface .

OpenVox V100-PTMC-400 - Technical Specifications

General Features

- No additional License Fee#65297;
- Compliant with PICMG 2.15(PTMC) electrical specification and IEEE 1386, IEEE 1386.1(PMC) mechanical specifications
- Configurable for PT2MC/PT3MC/ PT5MC
- Local CT Bus allowing flexible routing of TDM timeslots both between the PTMC Sites and the H.110 backplane CT Bus.
- PT5MC includes Gbe connectivity to backplane resources
- PMC/PT2MC/PT3MC include Gbe connectivity to front panel
- Multi Media/Control Flow Paths
- Relieve Host CPU Load
- Release API for Integration
- OS : Linux and Windows
- Integrates in Asterisk®; and FreeSWITCH®;
- Support distributed or integrated Application

Codec Support

- G.711
- GSM-FR

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- G.722
- GSM-EFR

- G.722.1
- AMR

- G.726
- AMR-WB (G.722.2)

- G.729AB
- iLBC

Except for AMR and AMR-WB
Target Applications

- Hosted VoIP GateWay
- Conferencing Server
- IVR Server
- Distributed Office PBX
- Call Centers

Dimensions

- Compliant with IEEE1386 mechanical specifications
- 149.0x74.0mm (PCB)

Interface

- PCI :32bit 33/66MHz
- Local CT
- 10/100/1000 BASE-T RJ45
- UART
- Backplane Gbe
- PMC Connector

Power Requirments

2.2A @3.3V

Operating Temperature Range

0 – 50 °C

Humidity

10 TO 90% NON-CONDENSING

Hardware And Software Requirement

- PCC,PT2CC,PT3CC,PT5CC
- Windows/Linux in Host

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The V100-PTCC is a PMC for transcoding. In addition, it is a PTMC for extending PMC to support stand telecom and telephony interfaces. It is usable with a wide range of PCC, PT2CC, PT3CC, PT5CC and can provide CompactPCI/fornt-panel Gbe/Backplane Gbe/Local CT media/control flow paths. These features can save the cost and support flexible applications.

Price: £1,836.50

Options available for OpenVox V100-PTMC-400 Transcoding Card (Up to 400 transcoding Sessions) :

Openvox V100-PTCC

Required (+£360.00), Not Required.