OpenVox V100-PTMC-032 Transcoding Card (Up to 32 transcoding Sessions)

Product Name: OpenVox V100-PTMC-032 Transcoding Card (Up to 32 transcoding Sessions)
Manufacturer: -
Model Number: V100-PTMC-032

Please Note: This product has been discontinued. For an alternative, please our other Asterisk Software.

OpenVox V100-PTMC Up to 32 transcoding Sessions,PMC V100-PTMC-032
The OpenVox V100-PTMC-032 new generation transcoding series delivers 3 models for different types of applications.

ï¿½ Up to 32 transcoding sessions
ï¿½ No Licensing Fees*
ï¿½ PMC / Enclosure / Extending Evaluation Board / Ethernet card
ï¿½ Reduce Host CPU Load
ï¿½ Flexible Adaptability
ï¿½ Provides RJ45 media/control flow paths.
ï¿½ 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 G.711 codec is commonly used in legacy telephone network. For bridging TDM to VoIP connectivity, it needs codec transformation. Compared with transformation in software, the V100, based Multicore-DSP, can convert more sessions of transcoding, reduce host CPU load.
The V100-PTMC-032 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/fornt-panel Gbe/Backplane Gbe/Local CT media/control flow paths. These features can save the cost and support flexible applications.
The V100-PTMC-032 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-032 through Ethernet interface .
OpenVox V100-PTMC-032 - Technical Specifications
General Features

ï¿½ No addionnal License Fee１
ï¿½ Compliant with PICMG 2.15(PTMC) electrical specification and IEEE 1386,IEEE1386.1(PMC)mechanical specifications
ï¿½ Configurable for PT2MC/PT3MC/ PT5MC
ï¿½ Local CT Bus allowing flexible routing of TDM timeslots both between the PTMC Sites and the H.110 backplane CT Bus.
ï¿½ PT5MC includes Gbe connectivity to backplane resources
ï¿½ PMC/PT2MC/PT3MC include Gbe connectivity to front panel
ï¿½ Multi Media/Control Flow Paths
ï¿½ Relieve Host CPU Load
ï¿½ Release API for Integration
ï¿½ OS : Linux and Windows
ï¿½ Integrates in Asterisk® and FreeSWITCH®
ï¿½ Support distributed or intergrated Application

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Codec Support

• G.711
• GSM-FR

• 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

ï¿½ Hosted VoIP GateWay
ï¿½ Conferencing Server
ï¿½ IVR Server
ï¿½ Distributed Office PBX
ï¿½ Call Centers

Dimensions

ï¿½ Compliant with IEEE1386 mechanical specifications
ï¿½ 149.0x74.0mm (PCB)

Interface

ï¿½ PCI :32bit 33/66MHz
ï¿½ Local CT
ï¿½ 10/100/1000 BASE-T RJ45
ï¿½ UART
ï¿½ Backplane Gbe
ï¿½ PMC Connector

Power Requirments
2.2A @3.3V
Operating Temperature Range
0 – 50 °C
Humidity

OpenVox V100-PTMC-032 Transcoding Card (Up to 32 transcoding Sessions)

10 TO 90% NON-CONDENSING
Hardware And Software Requirement

ï¿½ PCC,PT2CC,PT3CC,PT5CC
ï¿½ Windows/Linux in Host

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.

Please Enquire

Options available for OpenVox V100-PTMC-032 Transcoding Card (Up to 32 transcoding Sessions) :

Openvox V100-PTCC
Not Required,   Required (+£360.00).