

The V-114 PCI card is a leap forward in the telecommunications market. It is the first card of its kind to offer the functionality of Asterisk® PBX on a card with integrated telephony ports, hardware-based echo cancellation and Ethernet interface.

By integrating the Linux, Asterisk, Echo Canceller, Ethernet (for PCI and LAN), Telephone ports (FXS) and Gateway functionality (FXO) we have created the first standalone solution that can be installed in any PC and by interfacing Ethernet to the PCI bus we have also made the solution any Operating System – no special drivers required.

- *Installs simply and quickly as an Ethernet adapter*
- *Installs in ANY Operating System*
- *Allows any SIP based application to speak directly to the card – no API integration*
- *No additional hardware setup required – unlike other card solutions*
- *Provides the functionality of PBX and Gateway in one solution*

Features & Benefits

Integrated PBX

Simplifies installation, configuration

Hardware Echo Cancellation

No CPU load, greater performance

Installs as an Ethernet Device

Can be plugged into ANY Operating System

Integrated FXO, FXS and Ethernet

Gives greater flexibility in functionality and requires no additional driver installation

Cross Board Switching

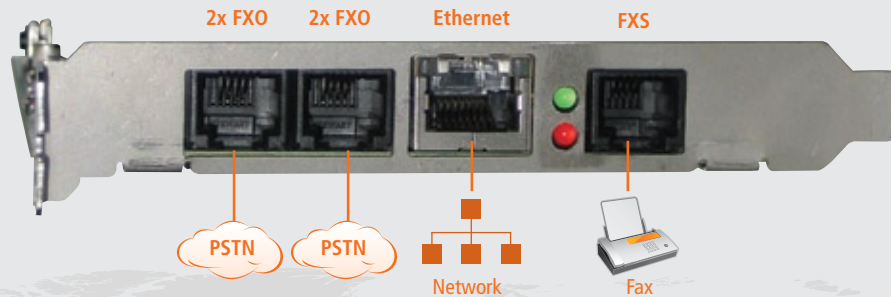
No drivers required

Unlimited Boards per Server

No issues with scalability

Technical Specifications

Hardware Specifications



V-114 - Analog

- Single Compact Flash port
- 4 Foreign Exchange Office (FXO) ports for connection to the telephone network
- Single Foreign Exchange Station (FXS) port for connecting a phone or fax machine
- Hardware based G.168 echo cancellation chip up to 128ms tail length
- PCI 2.2 compliant Ethernet interface
- 10/100Mbps auto MDIX Ethernet port
- Per channel fax / modem G.164 pr G.165 2100Hz phase reversal tone disable
- ITU-T G.165, G.168 (2000) and (2002) compliant

Interfaces

- **Telephone Interface:** Four FXO, RJ-12, One FXS – RJ-11
- **Network Interface:** 10/100 Mbps RJ-45, PCI
- **LED indicators:** Power, Fault, Network, Link speed

Environmental

- Operating Range: 0°C to 40°C
- Storage: -20°C to 85°C
- Humidity: 10% to 80%

Dimensions

- H: 107 mm (4.2 inches)
- D: 312 mm (12.283 inches)

Warranty

- 2 years

Codec Support

- G.711 ulaw & alaw
- G.729 a/b
- GSM
- Speex

Standards & Approvals

- FCC Part 68
- CE Mark
- EMC: FCC Part 15
- PCI 2.1 compliant

Ordering information

- Product Code: 70-00005-01

