

VoiceLink FAX-4/8 with IVR II

4/8 Port High Speed FAX Borad Up to 33.6K bps



VOICE



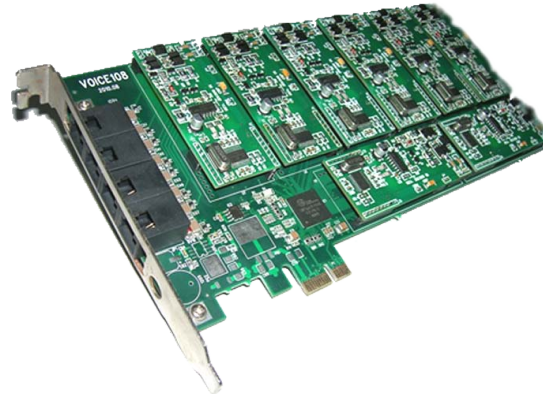
FAX



VoIP



TAPI



Features

- Eight independent voice processing ports supporting low-to medium-density voice systems in a single PC (PCI Express Bus)
- Reliable High-Speed FAX up to 33.6K bps; Backward compatible to traditronal 14.4K bps machines
- A -law, μ -law voice coding with selectable data rates 32 Kb/s or 64 Kb/s on a channel-by-channel basis
- Configure multiple boards in a single PC for easy and cost-effective system expansion, capable of scaling from 4 to 80 ports (Every port can be a FAX port)
- Caller ID detection, supports FSK as well as DTMF
- Full duplex voice channels for SIP VoIP applications (Paid option for Proper Drivers)
- Bundled with Contax IVR II and wave drivers for Windows XP, Server 2003, Windows 7 & Windows 2008
- Shipped with auto-installable CD-ROM for quick installation and maximum PC compatibilities
- Support LC Drop / Polarity Reversal detection
- Intelligent Call Progress Monitoring to avoid tedious setting burden during installation

Applications

- Interactive Voice Response (IVR)
- Automatic Call Distribution (ACD)
- Unified Messaging System (UMS)
- FOD (FAX on Demand) or FAX Server applications (High Speed up to 33.6K bps)
- TAPI-compliant AA, VM and Recording applications (Many available, consult CallURL for details)
- Mixed Voice and FAX applications Deveploment

Technical Description

Configuration

The VoiceLink FAX IVR II provides eight telephone line interface circuits for direct connection to analog loop start lines. Up to 10 VoiceLink boards can be installed in PCIe slots of a single IPC chassis enabling port expansion up to 80 ports per system.

Network Interface

The VoiceLink FAX supports powerful call progress analysis, provides automatic adaption for country-specific regulation; It has enhanced CallerID, DTMF detection plus PABX support

Very high FAX receiving sensitivity, allow good receiving quality on the poor line condition, Same for transmit.

Open Architecture

The VoiceLink FAX board share a common driver architecture with other CallURL Voice boards and boxes, offering users and developers with the maximum in flexibility and scalability. All CallURL Voice products support standard TAPI and wave drivers for Windows XP, Server 2003, Windows 7 & Windows Server 2008 etc.

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4/8 Port High Speed FAX Board Up to 33.6K bps

Technical Specifications

General

- „ Number of Voice ports: 8
- „ Number of FAXes: 8 (FAX for every Voice Port)
- „ Max. boards per system: 10
- „ High-integrated PCIe bus & FAX interface Chips

Host Interface

- „ Electrical: PCI Express base spec 1.1 compliant
- „ 3.3-V operation, Low power consumption
- „ Voice or FAX operation auto-switched
- „ Address and interrupts configured automatically by PnP BIOS or PnP OS
- „ Board ID: Assigned automatically by system

Telephone Interface

- „ Line interface: Loop-start
- „ Connectors: Four RJ-21 jacks (8 RJ-11 via 4 adaptors)
- „ Return loss: 20 dB min (300 to 3300 Hz at 600 Ohms impedance)
- „ Caller ID: International Caller ID capability via on-hook audio path

Audio Signal and Interface

- „ Audio Signal settable by software
- „ Automatic gain control (AGC)
- „ Silence detection: programmable (nominal: -44 dBm)
- „ Call progress monitoring: standard and custom frequency based

Audio Encoding

- „ Sample rate: 8KHz
- „ 32 Kbps OKI ADPCM
- „ 64 Kbps μ -law PCM
- „ 128 Kbps windows 16-bit PCM

DTMF Tone Detection

- „ DTMF digits: 0 to 9, *, #, A, B, C & D
- „ Dynamic range: -36 dBm to -3 dBm per tone
- „ Tone duration: 40 ms (minimum)
- „ Acceptable twist: 10 dB

Tone Dialing

- „ Transmit level: normal at -6.0dBm (high), -8.0dBm (low), parameters programmable
- „ Frequency variation: < 1%

Facsimile Specifications

- „ Group 3 & Super G3; MH, MR, MMR
- „ Data Rate : TX & RX up to 33,600 bps
- „ 2,400; 4,800; 7,200; 9,600; 12,000; 14,400
- „ 16,800; 21,600; 24,000; 26,400; 28,800; 33,600

Bundled Drivers and Software

- „ Bundled with TAPI, IVR II or IVR/CC (Licence by USB Hotkey)

Software Compatibility

- „ Windows XP, Windows Server 2003, Windows 7
- „ Windows Server 2008 in 32-bit or 64-bit models

Power Requirements

- „ +5V @ 2.0A

Size

- „ 215mm (L) x 109mm (H); 12.283" (L) x 4.3" (H)

Certification

- „ Telephone network: FCC Part 68
- „ EMI: FCC Part 15, Class B
- „ BSMI / TAIWAN

Environment

- „ Operating temperature: 0 ° to 50 ° C (32° to 122° F)
- „ Storage temperature: -20 ° to 65 ° C (4° to 149° F)
- „ Humidity: 10 to 80%, non-condensing

Ordering Information

VoiceLink FAX-4 IVR

4-port PCIe Voice / FAX board, with Contax IVR II Licence

VoiceLink FAX - 8 IVR

8-port PCIe Voice / FAX board, with Contax IVR II Licence

For VoiceLink FAX - 8 TAPI or SIP :

Contact CallURL for Details