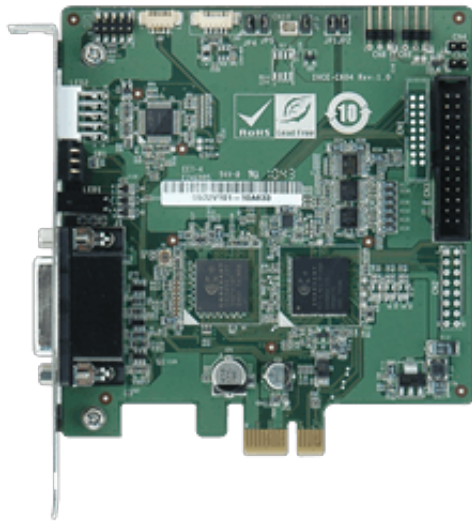


IVCE-C604

PCIe video/Audio Capture Card with 4-Channel Video/Audio Input, Total 120fps@D1 for 4 Channels (NTSC)



Features

- » Single card 4-channel composite video (NTSC/PAL) solution
- » PCI Express interface provides higher bandwidth and great performance
- » Compatible with Linux, Windows XP and Windows 7 (32-bit and 64-bit)
- » Total 120fps @ D1 for 4 channels (NTSC)
- » Supports multiple cards up to 64 channels video/audio input
- » External GPIO daughter board with 4 inputs and 4 outputs (optional)
- » SDK available for customer to create customized applications
- » Supports 4 channels video/audio input and 2 channels video output

Specifications

| | |
|----------------------------|--|
| Appearance | |
| Dimension | 111.23 mm x 102.39 mm |
| Audio Processing | |
| Audio Compression | Software compression |
| Audio Sampling Frequencies | 32kHz, 44.1kHz, 48kHz, 96kHz |
| Quantization | 24-bit |
| Capture Interface | |
| Alarm I/O | yes |
| Audio Input | 4 x Audio Input Channel 4 x Audio Input-RCA(BNC+RCA to DB-26 cable included) |
| Card ID | Rotary switch selectable with LED for ID indication |
| Interface Type | 1 x PCIe x 1 (compatible with 1, 4, 8 and 16 lane PCIe slots) |
| LED Indicator | Red LED for system Green LED for AP running Yellow LED for watchdog |
| Video Input | 4 x Video Input Channel (composite video NTSC/PAL auto sensing) 4 x Video Input-BNC(BNC+RCA to DB-26 cable included) |
| Video Output | 2 x Video Output Channel 2 x Video Output-BNC(BNC+RCA to DB-26 cable included) |
| Environment | |
| Operating Temperature | -5°C ~ 65°C, non-condensing |
| Others | |
| Power Consumption | 3.51W (3.3V@0.9A, 12V@0.045A) |
| Software Support | |
| SDK | 1 x Linux 1 x Windows |
| OS Support | 1 x Linux Ubuntu(14.04 (64-bit) Kernel version: 3.13.0-32-generic) 1 x Microsoft Windows 7 32-bit 1 x Microsoft Windows 7 64-bit |

| System Requirement | |
|------------------------|---|
| CPU | x86 PC compatible computer |
| Memory | 512MB or above |
| Video Processing | |
| Video Chipset | 1 x Conexant CX25850 |
| Video Compression | 1 x Software Compression |
| Video Input Resolution | 720 x 576 (NTSC/PAL) |
| | 720 x 480 (NTSC/PAL) |
| | 720 x 288 (NTSC/PAL) |
| | 720 x 240 (NTSC) |
| | 720 x 248 (PAL) |
| | 352 x 240 (NTSC/PAL) |
| | 352 x 288 (PAL) |
| | 320 x 240 (NTSC/PAL) |
| | 160 x 120 (NTSC/PAL) |
| | *NTSC: Total 120fps @ D1 for 4 channels |
| | *PAL: Total 100fps @ D1 for 4 channels |

Ordering Information

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|---------------|--|
| IVCE-C604-R10 | PCI Express video/audio capture card with four video input channels, total 120fps@720x480(NTSC), and four audio input channels |
|---------------|--|

Packing List

| | |
|----------------------------|---------------------------------|
| 1 x IVCE-C604 capture card | 1 x Video/Audio input cable kit |
| 1 x Reset cable | 1 x QIG |