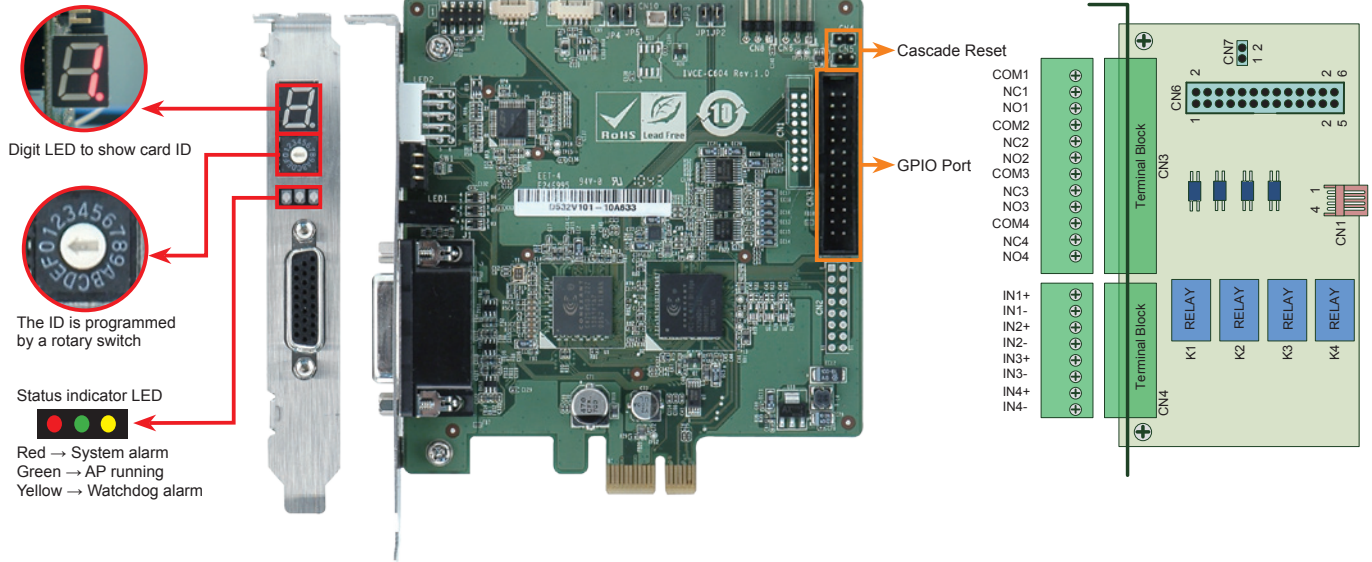


IVCE-C604

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



Specifications

Interface

| | |
|-------------------|---|
| Video Input | 4 channels composite video NTSC/PAL auto sensing |
| Video Input Type | BNC (BNC+RCA to DB-26 cable included) |
| Audio Input | 4 channels |
| Audio Input Type | RCA (BNC+RCA to DB-26 cable included) |
| Video Output | 2 channels |
| Video Output Type | BNC (BNC+RCA to DB-26 cable included) |
| Bus Interface | PCIe x1 |
| Alarm I/O | Yes |
| Card ID | Rotary switch selectable with LED for ID indication |
| LED Indicator | Red LED for system Green LED for AP running Yellow LED for watchdog |

Video Processing

| | | |
|-------------------|--|-----------|
| Video Compression | Software compression | |
| Video Engine | 1 x Conexant CX25850 | |
| Resolution | NTSC: | PAL: |
| | 720 x 576 | 720 x 576 |
| | 720 x 480 | 720 x 480 |
| | 720 x 288 | 720 x 288 |
| | 720 x 240 | 720 x 248 |
| | 352 x 240 | 352 x 288 |
| | 320 x 240 | 352 x 240 |
| Frame Rate | NTSC: Total 120fps @ D1 for 4 channels | |
| | PAL: Total 100fps @ D1 for 4 channels | |
| | 160 x 120 | 160 x 120 |

Audio Processing

| | |
|-------------------|---|
| Audio Compression | Software compression |
| Sampling Rate | 32kHz, 44.1kHz, 48kHz, 96kHz (hardware spec.) |
| Quantization | 24-bit (hardware spec.) |

System Requirement

| | |
|----------|--|
| Platform | x86 PC compatible computer, PCI Express 1 lane, compatible with 1, 4, 8 and 16 lane PCIe slots |
| Memory | 512MB or above |

Software Support

| | |
|------------|--|
| OS Support | Microsoft Windows7 32-bit/64-bit Linux: Ubuntu 14.04 (64-bit) Kernel version: 3.13.0-32-generic |
|------------|--|

Others

| | |
|-----------------------|-------------------------------|
| Dimensions | 111.23 mm x 102.39 mm |
| Operating Temperature | -5°C ~ 65°C, non-condensing |
| Power Consumption | 3.51W (3.3V@0.9A, 12V@0.045A) |



Features

- Single card 4-channel 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

Packing List

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



Ordering Information

| Part No. | Description |
|---------------------|---|
| IVCE-C604-R10 | PCIe video/audio capture card with 4-channel video/audio input, total 120fps@D1 for 4 channels (NTSC) |
| VIOCARD-GPIO-RS-R10 | 4-bit input and 4-bit output GPIO card |
| 32225-002200-100-RS | GPIO card to IVC capture card connection cable |