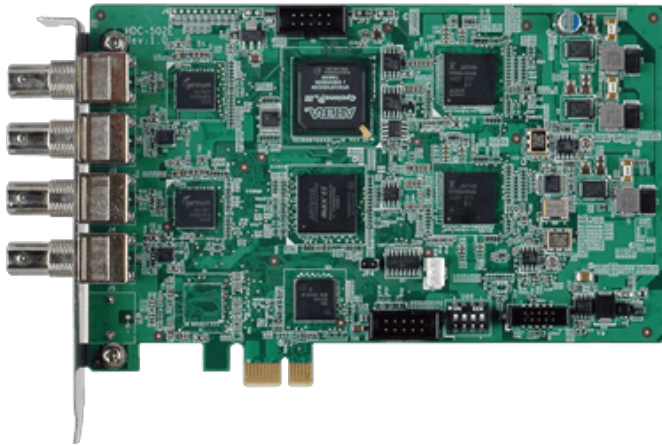


HDC-502E

PCIe Video/Audio Capture Card with Two Channel 3G-SDI Inputs, Two Channel 3G-SDI Loop Output, 1920x1080@60p and H.264 Hardware Encoder



Features

- » 2-channel 3G-SDI input with H.264 hardware compression and 2-channel 3G-SDI output
- » High quality video encoding up to 1080p60
- » Low Power Consumption
- » SDK available for customer to create customized applications
- » Applications: professional studio, broadcast and transportation video applications
- » Windows/Linux OS supported

Specifications

| | |
|---------------------------|---|
| Appearance | |
| Dimension | 188 mm x 125 mm |
| Audio Processing | |
| Audio Compression | MPEG-1 Audio Layer 2 |
| Recording Data rate | 256k |
| Capture Interface | |
| Audio Input | 2 x Audio Input Channel 2 x Audio Input-3G-SDI |
| Interface Type | 1 x PCIe x 1 |
| No Delay Passthrough | 2 x Audio Output Channel 2 x Audio Output-3G-SDI 2 x Video Output-3G-SDI 2 x Video Output Channel |
| Video Input | 2 x Video Input-3G-SDI 2 x Video Input Channel |
| Environment | |
| Operating Temperature | 0°C ~ 60°C (32°F ~ 140°F), non-condensing |
| Functionality | |
| Multiple Card Support | 4 cards, 8 channels |
| Others | |
| Power Consumption | 14.2W (12V@0.76A, 3.3V@1.52A) |
| Software Support | |
| SDK | 1 x Linux 1 x Windows |
| OS Support | 1 x Linux Ubuntu(16.04 (64-bit) (Kernel version: 4.4.0-21-generic)) 1 x Microsoft Windows 7 32-bit 1 x Microsoft Windows 7 64-bit |
| System Requirement | |
| CPU | x86 PC compatible computer, Intel® Pentium® 4 2.0GHz or above for video record |
| Memory | 1GB or more |
| Graphic Card | Recommends using a DXVA or CUDA capable graphics card for real-time video playback |
| Video Processing | |
| Recording Data rate | 2-30 Mbps |

| | |
|------------------------|--|
| Recording Formats | 1920 x 1080 x 60p |
| | 1280 x 720 x 60p |
| Video Compression | 1 x Hardware Encoder(H.264/AVC High Profile Level 4.2) |
| Video Input Resolution | 1920 x 1080 x 60p / 50p / 30p / 25p / 24p |
| | 1920 x 1080 x 60i / 50i |
| | 1280 x 720 x 60p / 50p / 30p / 25p / 24p |
| | 720 x 480 x 60i |
| | 720 x 576 x 50i |

Ordering Information

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|--------------|--|
| HDC-502E-R10 | PCI Express video/audio capture card with 2 SDI input channels, 2 loop-out channel, resolution support up to 1920x1080@60p, and Hardware H.264 codec |
|--------------|--|

Packing List

| | |
|---------------------------|---------|
| 1 x HDC-502E capture card | 1 x QIG |
|---------------------------|---------|