

HDB-301R

USB 3.0 Uncompressed Video/Audio Capture Box with One Channel HDMI™ Input and One Channel HDMI™ Bypass Output, 1920x1080@60p



Features

- » 1-channel HDMI™ input and 1-channel HDMI™ bypass output
- » Supports for 4:2:2 color spaces to provide the highest quality for your images
- » HDMI™ bypass output supports video no delay pass through up to 1080p60, so you can watch original video while video processing
- » Designed for professional video, machine vision, broadcast & post production industries
- » For audio mastering, 24-bit 48kHz audio provides the power you need to integrate into any audio environment
- » Supports DirectShow Software
- » Windows/Linux/Mac OS supported

Specifications

| | |
|----------------------------|---|
| Appearance | |
| Dimension | 105 mm x 58 mm x 18 mm |
| Audio Processing | |
| Audio Sampling Frequencies | 44.1k, 48k Hz |
| Capture Interface | |
| Audio Input | 1 x Audio Input Channel 1 x Audio Input-HDMI™ (stereo) |
| Interface Type | 1 x USB3.0 |
| No Delay Passthrough | 1 x Audio Output Channel 1 x Video Output Channel 1 x Video Output-HDMI™ 1 x Audio Output-HDMI™ (stereo) |
| Video Input | 1 x Video Input Channel 1 x Video Input-HDMI™ |
| Environment | |
| Operating Temperature | 0°C ~ 60°C (32° ~ 140°F), non-condensing |
| Others | |
| Power Consumption | 4W |
| Software Support | |
| SDK | 1 x Linux 1 x Windows |
| OS Support | Operating System(support UVC) 1 x Linux Ubuntu(14.04.2 (64-bit) (Kernel version: 3.16.0-30-generic)) 1 x Microsoft Windows 10 32-bit 1 x Microsoft Windows 7 32-bit 1 x Microsoft Windows 7 64-bit 1 x Microsoft Windows 8.1 32-bit 1 x Microsoft Windows 8.1 64-bit 1 x Microsoft Windows 10 64-bit 1 x macOS(High Sierra 10.13 or above) |
| System Requirement | |

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|------------------------|--|
| CPU | Intel® Core™ i5-3400 or above |
| Memory | 4GB or more |
| Video Processing | |
| Color Space | YUV 4:2:2 |
| Video Compression | 1 x Software Compression |
| Video Input Resolution | 1920 x 1080 24p/25p/30p/50p/59.54p/60p |
| | 1680 x 1050 30p/60p |
| | 1440 x 900 30p/60p |
| | 1360 x 768 30p/60p |
| | 1280 x 1024 30p/60p |
| | 1280 x 800 30p/60p |
| | 1280 x 768 30p/60p |
| | 1280 x 720 30p/50p/59.94p/60p |
| | 1024 x 768 30p/60p |
| | 800 x 600 60p |
| | 720 x 576 50p |
| | 720 x 480 59.94p/60p |
| | 640 x 480 60p |
| Video Preview | 1920 x 1080 24p/25p/30p/50p/59.54p/60p |
| | 1680 x 1050 30p/60p |
| | 1440 x 900 30p/60p |
| | 1360 x 768 30p/60p |
| | 1280 x 1024 30p/60p |
| | 1280 x 800 30p/60p |
| | 1280 x 768 30p/60p |
| | 1280 x 720 30p/50p/59.94p/60p |
| | 1024 x 768 30p/60p |
| | 800 x 600 60p |
| | 720 x 576 50p |
| | 720 x 480 59.94p/60p |
| | 640 x 480 60p |

Ordering Information

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|--------------|---|
| HDB-301R-R10 | USB 3.0 uncompressed video/audio capture box with one HDMI™ input channel and one HDMI™ output channel, 1920x1080@60p |
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Packing List

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|--------------|-------------------|
| 1 x HDB-301R | 1 x USB 3.0 cable |
| 1 x QIG | |