

HDB-301L

USB 2.0 Video/Audio Capture Box with One Channel HDMI™ Input and One Channel HDMI™ Bypass Output, 1920x1080@30p, and H.264 Hardware Encoder



Features

- » 1-channel HDMI™ input with H.264 hardware compression and 1-channel HDMI™ bypass output
- » High quality video recording up to 1080p30
- » HDMI™ bypass output supports video no delay pass through up to 1080p60, so you can watch video while recording
- » Provides DirectShow filter
- » Windows/Linux OS supported

Specifications

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| Appearance | |
| Dimension | 89 mm x 74.83 mm x 21.6 mm |
| Net Weight | 156g |
| Audio Processing | |
| Audio Compression | MPEG4-AAC |
| Audio Sampling Frequencies | 44.1k, 48k Hz |
| Recording Data rate | 128kbps |
| Capture Interface | |
| Audio Input | 1 x Audio Input Channel |
| | 1 x Audio Input-HDMI™ (stereo) |
| Interface Type | 1 x USB2.0 |
| No Delay Passthrough | 1 x Audio Output Channel |
| | 1 x Video Output Channel(1080p60) |
| | 1 x Audio Output-HDMI™ (stereo) |
| | 1 x Video Output-HDMI™ |
| Video Input | 1 x Video Input Channel |
| | 1 x Video Input-HDMI™ |
| Environment | |
| Operating Temperature | 0°C ~ 60°C (32° ~ 140°F), non-condensing |
| Functionality | |
| Multiple Card Support | 4 boxes, 4 channels |
| Scaling | Video scaling down compression |
| Others | |
| Power Consumption | 4.5W |
| 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 | Intel® Core™ 2 Duo 2.4GHz or above |
| Memory | 2GB or more |
| Video Processing | |

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| Recording Data rate | 1~30Mbps |
| Recording Formats | 1920 x 1080 24p/25p/30p 1280 x 1024 30p |
| | 1280 x 800 60p 1280 x 768 60p |
| | 1280 x 720 50p/60p 1024 x 768 60p |
| | 800 x 600 60p 720 x 576 50p |
| | 720 x 480 60p 640 x 480 60p |
| Video Compression | 1 x Hardware Encoder(H.264/AVC High Profile Level 4.1) |
| Video Input Resolution | 1920 x 1080 24p/25p/30p/50p/60p |
| | 1920 x 1080 60i/59.94i/50i 1280 x 1024 30p |
| | 1280 x 800 60p 1280 x 768 60p |
| | 1280 x 720 50p/60p 1024 x 768 60p |
| | 800 x 600 60p 720 x 576 50p |
| | 720 x 480 60p 640 x 480 60p |

Ordering Information

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|--------------|---|
| HDB-301L-R10 | USB2.0 Capture Box with one HDMI™ input, 1920x1080@30p, and H.264 codec transcoding |
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Packing List

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|--------------|-----------------------|
| 1 x HDB-301L | 1 x USB cable (600mm) |
| 1 x QIG | |