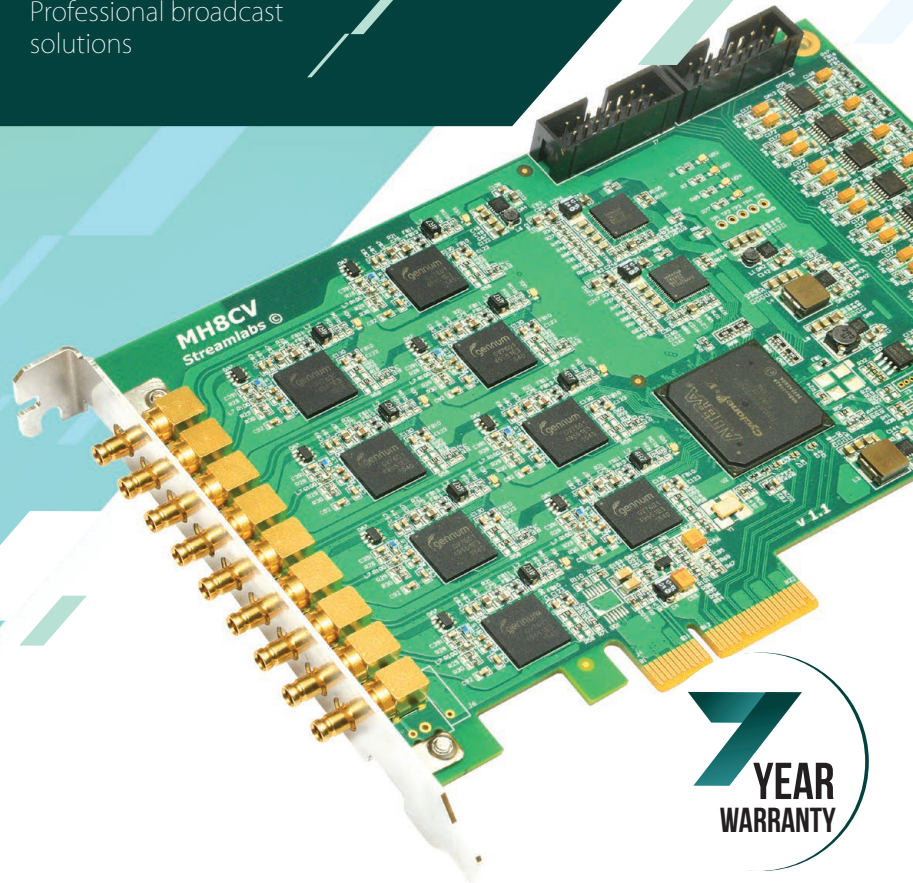




# MH8CV

## 8 input HD/SD-SDI/CVBS Capture Card



### DESCRIPTION

This card can be used as a basis for creating multichannel studio recording and slow motion replay systems, monitoring and TV broadcast recording systems (loggers), multichannel visual TV broadcast monitoring systems (multiviewers), rear-projection systems and multi-camera virtual studios, etc.

### FEATURES

- 8 fully compatible inputs+ LTC Input on one board!
- Support of all popular formats on a single board.
- Fully flexible port configuration. Operation in ASI or SDI or Composite mode can be selected under software control.
- Automatic switching standards 3G/HD/SD-SDI.
- Analog audio: RCA L+R pairs for Unbalanced Analog Audio and/or XLR pairs for Balanced Analog Audio.
- Cable equalisation and automatic ASI inversion
- Hardware counters for bitrate measurement and statistics
- PCI Express Gen2 x4
- Compact size and low energy consumption
- Affordable price

### FREE SDK/TOOLS/DRIVERS

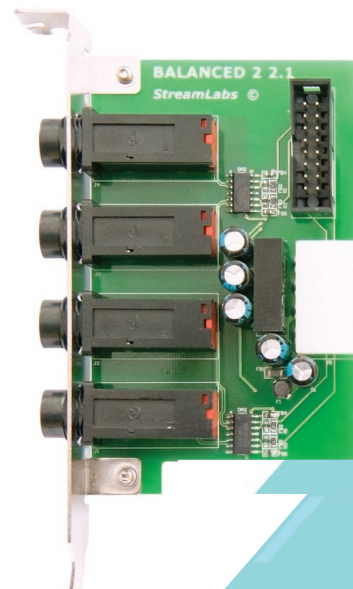
- Windows 7,8,10,Server 2008/12 (32 and 64 bit)
- Stream Labs API
- Direct Show Filter
- Examples for integration in SW and Tools for HW tests
- Linux: CentOS 6.6 and 7, Ubuntu 12 and later.
- Support V4L2 and ALSA
- Free Sources for C programming language
- Medialooks SDK



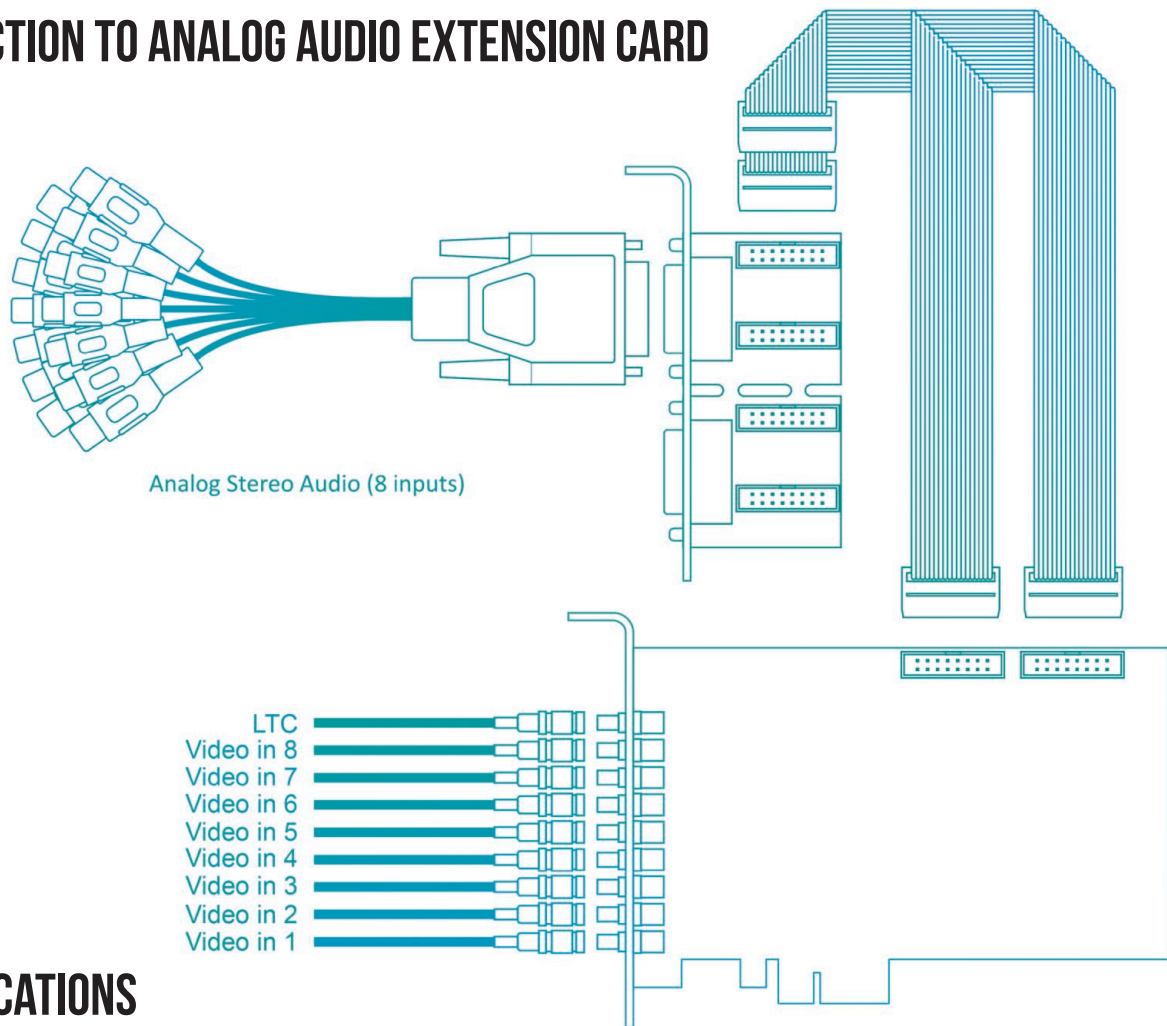
### BALANCED AUDIO CARD

“ The balanced connection to MH4LM via new Stream Labs balanced card is great because it supports long runs without RF or other interference that’s typical in an unbalanced feed. ” **RUSHWORKS.TV**

- Two independent sound processing stereo channels
- Ability for connection 2 Audio cards for one MH4LM video card
- Studio true +4dBu line level balanced stereo input & output
- XLR and/or TRS connectors available upon request
- Consumer -10 dBv unbalanced stereo input & output
- Jack 3,5 mm and/or RCA connectors available upon request
- Top quality special analog audio ICs
- Balanced channel input and output impedance - 600 Ohm
- Unbalanced channel input impedance - 12 kOhm, output impedance - 10 Ohm
- Optimized low noise power supplies and decoupling filters in analog part



# CONNECTION TO ANALOG AUDIO EXTENSION CARD

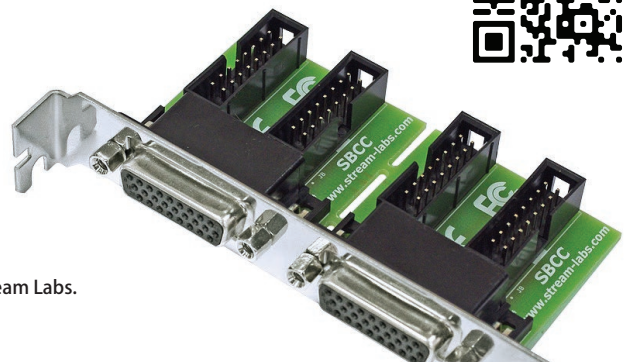


## SPECIFICATIONS

<b>Channel quantity</b>	8 Ch HD-SDI, 8 Ch SD-SDI, 5 Ch 3G-SDI
<b>Video Connector Type</b>	DIN 1.0/2.3 Connector for LTC Input
<b>SD-standards</b>	625/25 PAL, 525/29.97 NTSC, 525/23.98 NTSC
<b>Automatic switching standards</b>	3G/HD/SD-SDI
<b>3G-standards</b>	1080p50, 1080p60, 1080p50.94
<b>HD-standards</b>	720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080i50, 1080i59.94, 1080i60, 1080i50, 1080i59.94, 1080i60
<b>SD-standards</b>	625/25 PAL, 525/29.97 NTSC, 525/23.98 NTSC
<b>Analog Video Standards</b>	NTSC (M, 4.43) and PAL (B, D, G, H, I, M, N, N combination)
<b>Sample Format</b>	YUV 4:2:2
<b>Color Depth</b>	8/10 - bit
<b>Capture Analog Audio</b>	24 bit/48kHz
<b>SDI Specification</b>	SMPTE 259M, SMPTE 292M, SMPTE 372M, ITU-R BT.656 and ITU-R BT.601.

<b>Digital Audio</b>	SDI Embedded Audio(16 Ch per input)
<b>Analog Audio Connector Type</b>	8 RCA L+R pairs for Unbalanced Analog Audio through SBCC card and breakout cables
<b>Option Analog Audio Connector Type</b>	8 XLR pairs for Balanced Analog Audio through Balanced card and breakout cables
<b>Capture Analog Audio</b>	24 bit/48KHz
<b>Program switching standards</b>	3G/HD/SD-SDI/CVBS for each input
<b>PCI interface</b>	PCIe Gen2 x4
<b>Power consumption</b>	5W
<b>Firmware Update</b>	via PCI Express
<b>Size</b>	166x97

**FREE ANALOG AUDIO EXTENSION CARD INCLUDED**



[www.stream-labs.com](http://www.stream-labs.com)

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