

XtremeLC-HD

Product Code: XtremeLC-HD
Availability: In Stock



Price: 303.00 GBP

Short Description

- Compact
- Cost effective
- Automatic signal detection
- Colour space conversions

Description

Single channel "LiveStream:Capture" card

Discreet video capture is now the mainstay of many small form factor appliances being used in markets such as lecture capture, distance learning and medical environments. The XtremeLC-HD provides HDMI capture for use within such applications.

EMS's LiveStream:Capture architecture allows captured video to be processed and delivered in real time to a processor or graphics card. The XtremeLC-HD supports on board colour space conversion and scaling, providing the ability to efficiently transfer the video signal in a suitable format for rendering or encoding applications. The XtremeLC-HD natively supports 32, 24, 16 and 12 bit YUV and RGB formats.

Multi-application capture

The XtremeLC-HD capture card has been designed for use within application models such as:

- Medical environments
- Simulation systems
- Live events
- PC and gaming console capture
- Lecture and presentation capture
- Real time streaming

It is also possible to put more than a single card into a system for multiple capture channels.

Due to the nature of the LiveStream:Capture architecture, the XtremeLC-HD is not supported for wall controller applications that depend on EMS's MultiStream technology.

Video streaming

Built upon the Microsoft AV stream model, XtremeLC-HD inputs can be accessed and enumerated in any DirectShow or Media Foundation supported application. A video for Linux (V4L) driver package is also available to download.

Tested applications includes:

- Microsoft Media Encoder
- VLC
- Telestream WireCast
- vMix
- Opencast Matterhorn
- VidBlaster
- OBS Project
- Adobe Flash Media Encoder

- Dataton Watchout

FEATURES

- Single HDMI capture channel
- Up to 297 Mpixel/s clock capturing up to 4096x2160p @ 30fps
- 800 MB/s DMA bandwidth
- High performance up and down scaling
- Colour space conversion to support output formats
- PCI Express Gen 1 x 4 low profile
- EMS unified Windows® and Linux® driver support