

## XtremeLC-SDI



**Product Code:** XtremeLC-SDI

**Availability:** In Stock

**Price:** 325.00 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-SDI provides tri-band SDI capture for use within such applications. Our LiveStream:Capture architecture allows captures video to be processed and delivered in real time to a processor or graphics card.

This XtremeLC-SDI 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-SDI natively supports 32, 24, 16 and 12 bit YUV and RGB formats

## **Multi-application capture**

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

A few example applications:

- Medical environments
- Simulation systems
- Live events
- PC and gaming console capture
- Lecture and presentation capture
- RealTime 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-SDI is not supported for wall controller applications that depend on EMS's MultiStream technology.

## **Video Streaming**

Built upon the Microsoft AV stream model, XtremeLC-SDI 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 SDI capture channel
- SD/ HD/ 3G at 60 fps
- 800 MB/s DMA bandwidth
- High performance up and down scaling
- Colour space conversion to any output formats
- PCI Express Gen 1x4 low profile
- EMS unified Windows® and Linux® driver support