

# 4k

Ultra HD Technology  
By



**DATAPATH**  
EXCELLENCE BY DESIGN

**4K**  
ULTRA HD

# INTRODUCING DATAPATH 4K TECHNOLOGIES

Advances in video production demand resolutions that exceed simple 1080p formats. Today requirements for video include the ability to receive and display resolutions of up to and beyond 3840x2160p.

Datapath are proud to have a range of video capture and graphics cards that offer customers the ability to both capture and display large, 4K resolutions at 30 frames per second. In addition, Datapath's Vision driver offer the ability for users to stitch multiple high resolution images together by using the inbuilt hardware time stamping feature.

## Datapath 4k @60 frames per second:

As professional AV Integrators and Users begin to adopt 4K, UHD technologies, Datapath continue to offer products on the cutting edge of technology. Datapath's range provides users with the ability to capture and display 4k video at up to 60 frames per second.

# Current Portfolio

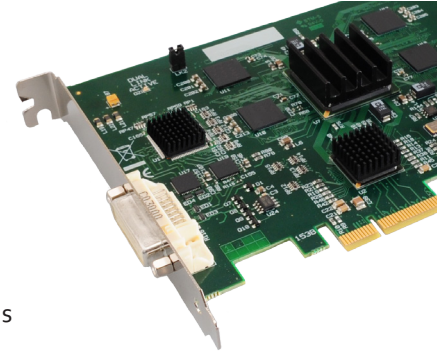
## + VisionDVI-DL

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The high capture resolution can be used to capture anything from high end digital cinema, medical video, 3D visualisation and CAD to video from radar systems.

- Support for 330MHz pixel clock and a maximum canvas of 4k x 4k
- HD video capture for all progressive and interlaced DVI-HDMI modes
- Captures Quad-HD Digital Cinema modes at 24/ 25/ 30 fps

The VisionDVI-DL is suitable for a wide range of applications including large display walls and high resolution, high bandwidth applications.



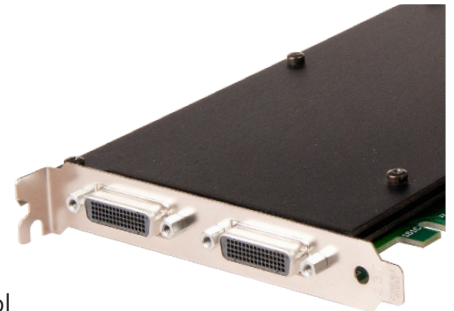
## + VisionHD4

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Capture four DVI-I High Definition DVI streams in a single capture card.

- Eight lane PCI Express capture card
- Net 3.2GB/s total capture bandwidth
- Quad channel DVI-I video capture card
- HDMI audio capture with streaming from each DVI channel

This card provides a quality performance, high density video capture solution for control room, medical and other applications that require high capture bandwidth.



## + ImageDP4

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Multi-Output Graphics Card

- 4 x DisplayPort outputs
- Use 2 outputs to drive 2 x 3840x2160p 30Hz images
- Combine multiple cards to create large video walls using 4K monitors.



# VisionSC Capture Technology (Launching Q2 2015)

Simultaneously capture multiple 3840x2160p videos at 60 frames per second with the VisionSC range of capture cards that include support of DisplayPort 1.2, HDMI 2.0 and 12G SDI connections. Use multiple cards in a single system to create video walls with stunning content.

# Image Display Technology (Coming Soon)

Display video on large scale video walls made up of a series of 4K UHD monitors driven by multiple ImageDP-4K graphics cards with each output capable of driving 3840x2160p 60fps resolutions. In addition each output is gen locked to ensure smooth, tear free video.



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