

## FOR IMMEDIATE RELEASE

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# Datapath launch new ‘ultimate dual 4K’ capture card for ISE

Datapath, the award-winning innovator of video management and control technology, has launched a new dual 4K capture card, the VisionSC-UHD2, ahead of ISE 2019 – and it is the most powerful 4K card in the company’s portfolio.

Reinforcing their global reputation as a leader in video capture technology, Datapath’s VisionSC-UHD2 provides two HDMI 2.0 capture channels with HDCP 2.2 at 4K60p and full 4:4:4 chroma sampling. This latest high-end card compliments Datapath’s hugely successful Vision SC capture card family and offers the ultimate in frame grabber technology.



Datapath product manager, Mark Rogers, said:

“AV integrators are demanding the highest resolution video when creating the most stunning visual displays and the new addition to our Vision SC range is designed to meet and exceed that demand. Along with unparalleled performance and future-proof connectivity, end users also have the peace of mind that Datapath reliability brings. We believe the VisionSC-UHD2 to be the ultimate 4K capture card available to the market.”

Rogers’ claim is backed up by some impressive specification. In order to capture two channels of 4K60p 4:4:4 without any loss of quality or dropped frames, 4GB/s of raw data is needed and this requires a minimum of eight lanes PCIe Gen3. Other dual 4K solutions offering eight lanes of PCIe Gen2 are not enough once data bus overheads are accounted for. With this in mind, Datapath’s VisionSC-UHD2 is the only professional solution with enough performance to handle two channels of 4K without any loss of quality or dropped frames.

With a full 10-bit processing pipeline, the VisionSC-UHD2 is suitable for the full spectrum of high quality displays, from command and control rooms to creative, high-end corporate applications. Purposely designed for high performance controllers, Datapath’s latest card works seamlessly with the company’s latest iolite 12i chassis – delivering a single appliance, 12 output solution for 4K video walls and menu boards.

Other specification highlights include:

- Supports capturing of HDCP 2.2 sources, so things like Xbox One S, NVidia Shield, PlayStation 4 or modern 4K capable Blu-ray players can be captured
- Supports full 600MHz pixel clock and 4K resolutions up to and including 4096 x 2160
- Full 10-bit processing pipeline with support for expanded colour spaces, including BT\_2020

- Supports full frame rate FPGA based scaling/cross conversion without loading the CPU

Datapath's VisionSC-UHD card can be seen at ISE 2019 on their Hall 12 H80 stand. For more details on Datapath's latest advancements in video processing and capture technology, visit [www.datapath.co.uk](http://www.datapath.co.uk).

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**Derby, UK, (20 November 2018) – [www.datapath.co.uk](http://www.datapath.co.uk) – Datapath Ltd**

### **About Datapath**

Datapath is a world leader in control technologies for creative multi-display video walls, small- to medium-scale video walls in enterprise collaboration environments, and command and control room video walls of any scale. Founded in 1982 and now distributing across 5 continents, Datapath has customers in more than 100 countries Worldwide; covering multiple industries such as professional audio and video, military, education, security and health care. Datapath is a privately held company, with a head office in Derby UK, plus sales and support offices in USA, France, Germany, Japan and China. By listening carefully to customers, continuous improvement, and putting quality in everything it does first, Datapath solutions are Excellent by Design.