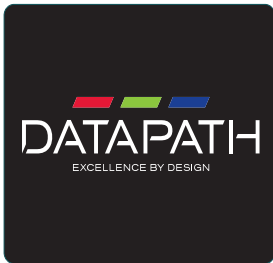# DATAPATH

EXCELLENCE BY DESIGN

Cables
&
Accessories

INTRODUCING DATAPATH CABLES & ACCESSORIES

Video Wall projects are often a complex mix of servers, computers, IT infrastructure & cables. It is important that installers plan carefully where equipment can be stored and accessed.

Datapath offer a range of easy to use accessories that can take the headache out of complicated designs. From single cables capable of delivering 4k video over 100m distances to a range of adaptors that allow connections to a multitude of different socket types, Datapath offer solutions that simplify the design and deployment of both command room and advanced digital signage environments.

Datapath ActiveConnect

Datapath's ActiveConnect range of fibre optical extenders offer customers the perfect solution for extending the distances between graphics outputs and the screens. The ActiveConnect solution is a single fibre optic cable that requires no external power. Supporting high performance DP1.2 or HDMI2.0 connectors at each end.
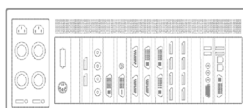
Each cable is no more than 7mm thick meaning that cables can be easily fed through building walls and around obstacles. The cables are made from high quality optical plastics that have been designed to withstand complicated installations and all cables are Plenum rated meaning they conform to safety standards for "in-wall" installation.

Key benefits:

- ActiveConnect future proof technology capable of carrying 4k signals at 60fps
- No additional power needed. The ActiveConnect is simply a cable!
- Plenum safety rated
- UL certified.

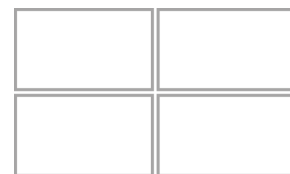The ActiveConnect range is available in the following lengths:

- DisplayPort 1.2   25m, 50m or 100m
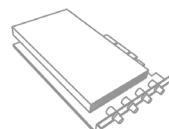- HDMI2.0   25m, 50m.

VSN Wall Controller → **ActiveConnect** → **Video Wall**

4k Media Player → **ActiveConnect** → **Capture Card** → **Video Wall**

Datapath DirectConnect

Datapath DirectConnect extenders provide installers the ability to put some distance between the graphical output and the monitors. Datapath offer products that can extend the gap to up to 40m with either DisplayPort or DVI terminal connectors using the DPExtend and DPAdapt.

Features include:

- DPExtend: End to end DisplayPort extension using specially tested cables. The DPExtend unit uses both a powered and unpowered DisplayPort cable at either side to ensure the video signal throughput

- DPAdapt: As with the DPExtend, the DPAdapt uses a powered DisplayPort cable. An unpowered DVI cable can be used for the rest of the distance

- The Extenders are supplied with 10, 15 or 20m powered cables. Additionally Datapath offer a high quality unpowered DisplayPort cable.

DisplayPort Converters

DisplayPort offers users a high performance interface designed to provide the highest quality video data for display interfaces. The benefits of DisplayPort, in addition to higher quality video, include integrated locking connectors & backwards compatibility to DVI/HDMI and VGA inputs.

DP-DVIDL

Datapath offer a number of solutions for adapting DisplayPort to alternate connector types:

- DP-DVI – DisplayPort to single-link DVI adapter for signals up to 1080p 60fps
- DP-HDMI – DisplayPort to HDMI1.3 adapter for signals up to 1080p 60fps
- DP-VGA – DisplayPort to VGA Adapter for VGA type signals
- DP-DVIDL – DisplayPort to dual-link DVI* for signals up to 3840x2160p 30fps.

* DP-DVIDL – To achieve full 2160p 30 the DP-DVIDL must be powered using the USB cable provided.

DP-DVI

DP-HDMI

DP-VGA

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UK Headquarters and Main Sales Department
Datapath Ltd, Bemrose House
Bemrose Park, Wayzgoose Drive,
Derby DE21 6XQ, United Kingdom

Tel: +44 (0)1332 294 441
Fax: +44 (0)1332 290 667
Email: sales@datapath.co.uk

www.datapath.co.uk

Datapath North America Inc.
2550 Blvd of the Generals
Suite 320, Norristown,
PA 19403, USA

Tel: +1 484 679 1553
Fax: +1 484 6791 734