Fx4

One box. Four outputs.
Millions of possibilities.

HIGH PERFORMANCE CONTROLLER

Advancements in digital signage allow much greater freedom in creating and deploying any scale signage projects. At the forefront of this is the Datapath Fx4, a multi-faceted stand alone display controller. The Fx4 supports a choice of inputs, high bandwidth loop-through as well as 4 genlocked outputs in either DisplayPort or HDMI.

The Fx4 features a DisplayPort1.2 main input alongside two HDMI1.4 inputs offering 4K 4096 x 2160p at 60fps. The intuitive user interface allows users to determine which input is used.

FEATURES

- Infinite creative configurations
- UHD / 4K60 input, four HD 1080p outputs
- Rotates, crops, scales, mirrors and bezel corrects
- Multiple inputs for flexible connectivity (Dual HDMI1.4 or single DisplayPort1.2 inputs)
- HDCP1.4 support on all inputs and outputs
- True stand-alone operation: Fx4 can adapt to changes in inputs by adjusting all scale factors
- Network or USB interfaces allow platform independent control (MAC OSX 10.6 & later)
- Pre-load an image for use when signal is not detected

Engineering the **world's best** visual solutions

DATAPATH
EXCELLENCE BY DESIGN

Next generation display wall controller

ADDITIONAL FEATURES

Each output monitor can take its input from any region of the input image as all of the required cropping, scaling, rotation and frame-rate conversion is handled by the Fx4 hardware. These regions can overlap to allow any output to replicate another or can be configured to support any creative splice of the source material. This allows the support of many non-rectangular screen arrangements, as well as any mix of monitor orientations allowing users to create an almost unlimited multi-monitor canvas.

The Fx4 also allows users to pre-load an image for immediate display in those cases when the media source or cables malfunction and no signal is being received.

NETWORK CONNECTIVITY

The Datapath Fx4 has dual ethernet ports to allow users to add the device to their networks. Only one Datapath Fx4 in the chain requires connection to the physical LAN as ethernet loop through is supported on the second port, meaning multiple devices can be connected.

WALL DESIGNER

Datapath's hugely popular multi-screen design tool, Wall Designer has also been updated to incorporate Fx4. Wall Designer allows users to add displays from the ever expanding database of monitors, visualise their content by adding inputs and adjusting display regions and finally instantly program all Datapath Fx4s either via USB or the network ports.

MODELS AVAILABLE

Order Code: Datapath Fx4/H
4K display controller w/HDCP - HDMI outputs

Order Code: Datapath Fx4/D
4K display controller w/HDCP - DisplayPort outputs

SPECIFICATION

DIMENSIONS
Size
316mm (l) x 172mm (w)
x 42mm (h)
Weight
1.86kg

OPERATING TEMPERATURE
0 °C to 35 °C / 32 °F to 96 °F

POWER REQUIREMENTS
IEC switched and fused mains connector 100-240V, 50/60Hz / 35W

VIDEO INPUT CONNECTIONS
DisplayPort1.2 or 2 x HDMI1.4 (2160p60 or equivalent up to 616MP/s)

VIDEO OUTPUT CONNECTIONS
HDMI version: 4 x HDMI1.3 (1080p60 or equivalent up to 165MP/s)
DisplayPort version: 4 x DP1.1 (1080p60 or equivalent up to 165MP/s)
Loop-through (both versions): DisplayPort1.2 (locked to selected video input resolution)

INPUT SURFACE
8K x 8K maximum

GENLOCK INPUT
Analog black-burst on dedicated BNC connector. Any video input (HDMI1, HDMI2, DisplayPort)

CONTROL INTERFACES
Dual 100Base-T Ethernet ports with inbuilt managed switch. USB 2.0 Type B connector (full speed operation)

FIRMWARE SUPPORT
Updates supported via USB and Ethernet connection

STORAGE
-20 °C to 70 °C / -4 °F to 158 °F

RELATIVE HUMIDITY
5%-90% non-condensing

WARRANTY
3 years

All products are shipped with the latest software available, unless stated otherwise. Special requirements may be organised by contacting our Sales team.

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EXCELLENCE BY DESIGN

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