

# IQS4

4K Quad Splitter



## SINGLE 4K INPUT, FOUR HD OUTPUT VIDEO SPLITTER

IQS4 is Datapath's 4K splitter solution engineered specifically for large, multi-output video wall applications. Paired with Datapath's Image4K graphics cards, the IQS4 delivers a cost-effective solution for powering video walls of up to 96 HD screens.

## FEATURES

- **Zero-Configuration:** Works with Datapath Image4K and Image2K graphics cards with no configuration needed.
- **Easy Setup & Management:** Splitting and placement of 'quadrants' is easy with the graphical setup wizard.
- **High Quality Content Support:** Works with the output of an Image4K or Image2K graphics card with support for HDCP 2.2.
- **Zero-Latency:** Splits and routes the input signal to all four outputs with a maximum delay of a single line.
- **Multiple Mounting Options:**
  - 1U rack mount kit to house two IQS4 units with RPSU
  - VESA compliant for mounting single IQS4 units behind screens
  - Standalone - Place on any flat surface.
- **Reduce Cabling Requirements:** Distribute video in 4K and split local to screens to reduce long distance cabling requirements.

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

**DATAPATH**  
EXCELLENCE BY DESIGN

# 4K Quad Splitter

## STREAMLINE SYSTEM CAPACITY

By taking a single 4K input and splitting it into four HD outputs, using IQS4 units reduces the overall number of graphics cards needed in the video wall controller, which streamlines the system, reducing load and optimising capacity.

## SIMPLIFIED VIDEO DISTRIBUTION

IQS4 gives integrators the option to distribute video in 4K and split the signals at the video wall rather than having to use separate extenders for each HD output.

## INSTALL ANYWHERE

Mounting flexibility means the IQS4 can be used for any application. When installed with a video wall or screen, each IQS4 unit can be VESA mounted directly behind displays. Where IQS4 units are hosted with the video wall controller, various rack mount options are available depending on the number of IQS4 units required. There is also a standalone option for direct installation on workstations or any flat surface.

## 1U RACK MOUNT KIT

A 1U rack mount kit supports IQS4 appliances. The rack mount kit:

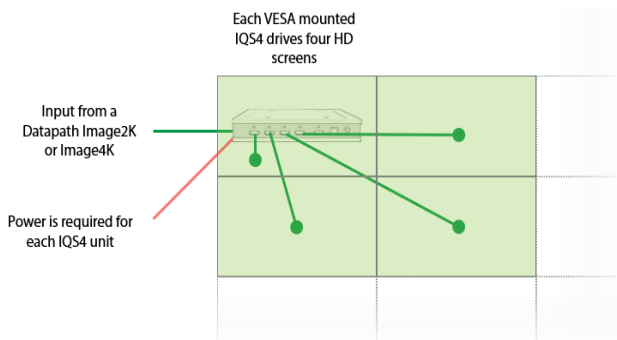
- is made from high quality and robust steel construction
- contains dual internal independent power supplies with full redundancy (load sharing)
- has PSU failure signalling to external environment monitoring equipment
- and has cable management provided via rear cable clamps

## MODELS AND RELATED PRODUCTS

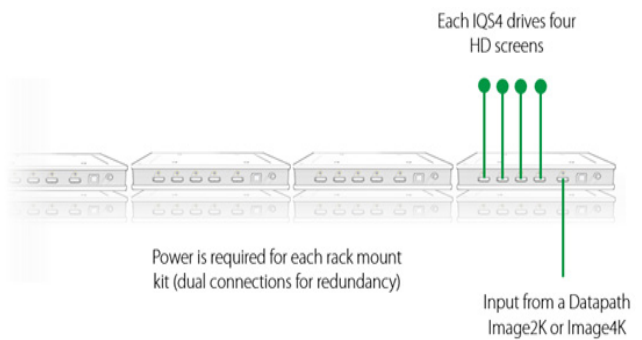
Order Code	Description
IQS4-1	4K video splitter with PSU (Image 2K/ Image 4K only)
IQS4-2	4K video splitter for rack, without PSU (Image2K/ Image4K only)
RMK01	2 x IQS4 rack mounting kit with redundant power supply
PSUALIGOIQS4	IQS4 external power supply

## FLEXIBLE MOUNTING OPTIONS

Install at the wall



Rack mount



## SPECIFICATION

### VIDEO OUTPUT CONNECTIONS

4 x HDMI 1.4 (1920x1080@60)

### VIDEO INPUT CONNECTION

1 x HDMI 2.0 (7680x1080@60)

### POWER REQUIREMENTS

12W

### OPERATING TEMPERATURE

0 °C to 35 °C / 32 °F to 96 °F

### STORAGE

-20 °C to 70 °C / -4 °F to 158 °F

### RELATIVE HUMIDITY

5%-90% non-condensing

### SIZE

205mm (l) x 161mm (w) x 31mm (h)

### WARRANTY

3-year standard, 5-year extended (optional)

**Datapath UK and Corporate Headquarters**  
Bemrose House, Bemrose Park,  
Waygoose Drive, Derby,  
DE21 6XQ, United Kingdom

☎ +44 (0) 1332 294 441  
✉ sales-uk@datapath.co.uk

**Datapath North America**  
2490 General Armistead Avenue,  
Suite 102, Norristown,  
PA 19403,  
USA

☎ +1 484 679 1553  
✉ sales-us@datapath.co.uk

[www.datapath.co.uk](http://www.datapath.co.uk)

**DATAPATH**  
EXCELLENCE BY DESIGN