LINDY
CONNECTION PERFECTION

DisplayPort 1.2 to Quad HDMI MST/SST Hub with Video Wall Processor
No.: 38418

Create multiple HDMI display layouts including a 2x2 video wall from a DP source connection

Description

- Creates a 2x2 4K Ultra HD video wall from a single DisplayPort 1.2 source
- High performance DisplayPort 1.2 MST and SST Hub, with Video Wall, Duplicate, Extended & Expander View / Eyefinity functionality
- Supports DisplayPort & HDMI resolutions up to 4K@60Hz 4:4:4
- Supports DisplayPort MST and SST modes
- 2 year warranty

DisplayPort MST Hubs allow for the connection of multiple displays to a single DP source, to create larger workstation setups or larger scale DP distribution.

The Lindy DisplayPort to Quad HDMI MST/SST Hub with Video Wall Processor is a high-performance DP 1.2 MST and SST hub, with Video Wall, Duplicate, Extended and Expander View / Eyefinity functions.

To create a wide variety of display solutions, this processor groups the displays connected to port 1 and 2 together to create 1 single output, and then also apply this to the displays connected to 3 and 4.

This allows for the use of 4 different modes as detailed below. Maximum supported resolution can depend on the windows configuration, graphics card and connected display.

Video Wall Mode:
· Supports resolutions up to 3840x2160@60Hz using 4 displays connected together to create a single display, visualised as a 2x2 video wall.
· This is a great solution for digital signage in retail, transport hubs or trade shows.
For the system requirements and set-up instructions of certain graphics cards, please refer to the Lindy manual under the Downloads section of this page.
Duplicate Mode:
· Supports resolutions up to 1920x1080@60Hz per display, using up to 4 displays. This works similar to a standard DisplayPort splitter with SST functionality, duplicating the input signal onto each individual display. The processor can also split the signal across 2 individual 4K displays, with resolutions up to 3840x2160@60Hz.
· Using the grouped layout, resolutions up to 3840x1080@60Hz can be supported, duplicating the signal across the 2 separate groups (1+2) and (3+4).
These modes are great for use in security, surveillance and control installations.

Extended Mode:

· This mode supports resolutions up to 3840x1080@60Hz per display by using the grouped layout of displays 1+2 and 3+4. Content can be then shared across the 2 layouts simply by dragging the mouse across the displays. This is useful for creating a large-scale office setup, or in graphic designs installations where users want to easily transfer content to another display or user.

Expander / Eyefinity Mode:

· This mode allows for the connection of 4 displays to create a multi-display workstation, viewed as a single display with resolutions up to 7680x1080@60Hz, with each display showing Full HD signals. Alternatively using 2 4K displays viewed as a single display, 7680x2160@30Hz can be viewed. This allows for the creation of a premium office or home workstation, or high-performance control set-ups in broadcasting and surveillance.

Multiple MST/SST hubs can be used to create even larger display setups, providing this cna be supported by the display driver and graphics card.

Please note: This active MST Hub requires the source or graphics card to support DP++ to provide dual-mode signals
Please note: this MST hub does not support output to 3 displays.

Please note: NVIDIA graphics cards require a display to be connected to the graphics card for control. Intel and AMD cards do not require this.

Technical details

Specifications:
- AV Interface: DisplayPort to HDMI
- Interface Standard: DP 1.2 / HDMI 1.4b
- Supported Bandwidth: 21Gbps
- Maximum Input Resolution: 3840x2160@60Hz 4:4:4 8bit
- Maximum Output Resolution: 3840x2160@30Hz
- HDCP Support: 1.4
- Supported Audio: Audio Pass Through
- Separate Audio Ports: -
- Special Features:
  - Supports both MST and SST modes
  - Output ports are grouped in computers OS: 1+2=Display1, 3+4=Display 2
  - Supports extended and duplicated desktop mode
  - Requires an Intel / AMD graphics card that supports 4 displays via an MST enable DisplayPort output

Connectors:
- Input: 1 x DisplayPort (Female)
- Output: 4 x HDMI Type A (Female)
- Power: 5.5/2.5mm DC Socket

Physical properties:
- Dimensions (approx.) WxDxH: 155x72x25mm (6.1x2.83x0.98in)
- Housing Material: Metal
- Net Weight: 0.41kg (0.9lb)
- Operating Temperature: 0°C - 45°C (32°F - 113°F)
- Storage Temperature: 0°C - 70°C (32°F - 158°F)
- Humidity: 40-50% RH (non-condensing)
- Power Requirements: 5VDC 2A
- Colour: Black

Miscellaneous:
- Packaging Type: Carton Box
- Packaging Dimensions: 220x160x50mm (8.66x6.3x1.97in)
- Gross Weight: 0.59kg (1.3lb)
- Warranty (Years): 2
- Certificated: CE, FCC, REACH & RoHS

Package content:
- 4K DisplayPort to 4 x HDMI Video Wall Processor
- Multi-Country Power Supply Unit (UK, US, EU & AUS)
- Lindy Manual

Purchasing information:
- No.: 38418
- EAN: 4002888384186