Split one dual link DVI source to four dual link DVI outputs

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The Gefen EXT-DVI-144DL 1:4 DVI Dual Link Splitter distributes a dual link DVI source to four DVI dual link outputs without losing quality or resolution. It works with any dual link DVI computer supporting resolutions up to 2560 x 1600 (WQXGA) and 3840 x 2160 (QFHD). The DVI Dual Link Splitter supports internal, downstream, and custom EDIDs. When not in use, it can be put in stand-by mode via RS-232. This reduces power consumption to less than 0.5W. EDID Management, output masking, and firmware updates can also be done via RS-232. This product can be placed on a shelf or other horizontal surface, or be mounted in a standard 19-inch wide rack, using the included rack ears.

How It Works

Using the included 6 ft. dual link DVI cable, connect the DVI output from the source computer to the input port on the 1:4 DVI Dual Link Splitter. Connect up to four dual link DVI devices to the four outputs on the Splitter. Connect the provided locking power supply to the Splitter and the AC power cord. Connect the other end of the AC cord to an available electrical outlet.

Features*

- Distributes a dual link source to four DVI dual link outputs
- Supports resolutions up to 1080p Full HD (60 Hz), single-link resolutions up to 1920 x 1200 (WUXGA), and dual-link resolutions up to 2560 x 1600 (WQXGA) at 60 Hz and 3840 x 2160 (QFHD) at 30 Hz.
- EDID management for rapid integration of source and displays
- Output masking
- Stand-by mode
- Field updatable firmware via RS-232
- Locking power supply
- Rack-mountable with included rack ears

Specifications*

- Maximum Pixel Clock: 2 x 165 MHz
- Video Input Connector: (1) DVI-D, 29-pin, female
- Video Output Connectors: (4) DVI-D, 29-pin, female
- RS-232 Port: DB-9, female
- Power Consumption:
  - On: 20 W maximum
  - Stand-by: 0.5 W maximum
- Power Supply: 5V DC, Locking
- Operating Temperature: +32 to +104 °F (0 to 40 °C)
- Rack mounting requirements: Standard 19" rack, 1U high
- Dimensions (W x H x D):
  - 17.1" x 1.75" x 4.2" (435mm x 45mm x 107mm)
- Shipping Weight: 5.2 lbs (2.5 kg)