



FIXED FORMAT DIGITAL MATRIX SWITCHER

Linx DVI 8x8 SP

Digital Switcher With Total EDID Manager

Space-saving 1RU design

Robust 24/7 operation

Embedded operating system

Cable equalization up to 50m

Pixel reclocking for optimal image quality

Network control

Graphical interface using standard web browser

Total EDID Manager for display data control

Stores 99 presets

Stores 99 EDID files

XtendView FiberDVI
Fiber Optic Extender see
[http://www.rgb.com/
products/Fiberdvi/?c=n](http://www.rgb.com/products/Fiberdvi/?c=n)

Total EDID Manager see
[http://www.rgb.com/news/
announcements/
item.php?file=Edid1](http://www.rgb.com/news/announcements/item.php?file=Edid1)

MultiPoint KvM see
[http://rgb.com/products/
Multipointkvm/?c=n](http://rgb.com/products/Multipointkvm/?c=n)



Separate BP-16 remote control panel for presets or X/Y select

The Linx™ 8x8 is a high-performance non-blocking DVI matrix routing switcher with 8 inputs and 8 outputs. All inputs are available to any or all of the outputs.

The Linx delivers pure digital switching and routing of DVI signals. When combined with digital signal sources and digital displays, it allows for fully digital end-to-end signal distribution.

The switcher accepts input signals up to 1920x1200 and 2048x1152 and supports the full 1.65 Gbit/sec DVI standard. In addition to switching picture information, the Linx provides a DDC back channel to carry EDID set-up and display data.

The Linx switcher comes with *Total EDID Manager™*, a straight-forward solution for every digital routing configuration. Display identification data can be set to passthrough from the display back to the graphics adapter. Other features include Fixed input EDID, Emulated output EDID, multiple output resolution arbitration and EDID capture.

The Linx family is unique among DVI switchers in providing optimal signal fidelity, correcting jitter and signal distortion errors with pixel reclocking.

The Linx also offers built-in cable equalization on all inputs to extend cable lengths up to 50m without the need for external signal extenders. Up to 2 amps of additional five volt power are available for pin-powered devices, obviating the need for external power adapters.

Remote control is via Ethernet and RS-232 serial ports. A built-in web server is accessible from any browser; no special software is required on the user's PC. Optional remote push button panels are available for both preset and X/Y select.

The switcher is packaged in a rugged and compact 1RU chassis offering a reliable and space saving solution for challenging environments. Power is supplied via an external in-line AC adapter with a locking connector.

The Linx switcher provides an unmatched combination of performance, optimized signal quality, robust operation, and ease of use.



RGB SPECTRUM®
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Specifications

DVI Inputs

Format	DVI single link
Number of input ports	8 input channels
Clock rate	Up to 165MHz
Resolution	Up to 1920x1200 and 2048x1152
Cable equalization	Automatic/manual; up to 164 feet (50m)
Connectors	DVI-I

DVI Outputs

Format	DVI single link
Number of output ports	8 output channels
Clock rate	Up to 165MHz
Resolution	Up to 1920x1200 and 2048x1152
Pin power	5 VDC; up to 500mA per output; 2A system limit
Connectors	DVI-I

Control

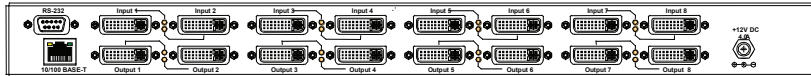
Serial	RS-232; 9600 - 115,200 baud
Network	Ethernet TCP/IP 10/100 BASE-T Command line and graphical user interface "Web Control Panel"

Physical Specifications

Size (H x W x D)	1.75" x 17.25" x 12.5" 4.4 cm x 43.8 cm x 31.8 cm
Weight	Approximately 13 lbs (5.8 kg)
Rackmount	Rackmount kit included

Power Supply

Input voltage range	90 - 264 VAC, 47 - 63 Hz
Output	12 VDC
Power consumption	< 50 W
Size (H x W x D)	1.25" x 2.25" x 4.55" 3.2 cm x 5.7 cm x 11.6 cm
Approvals	UL/cUL/TUV/CE UL listed for medical applications



Back Panel