



## DVI MATRIX SWITCHING

### Linx 800, 1600, 3200 DVI Matrix Switchers with *Total EDID Manager*

- Full HDCP support**
- Robust 24/7 operation**
- Cable equalization up to 50m**
- EDID pass through and override with *Total EDID Manager*<sup>™</sup>**
- Up to 500mA pin-power per output**
- Audio pass-through**
- Pixel relocking for optimal image quality**
- Front panel and network control**
- Graphical user interface via web browser**
- User swappable power supplies**
- 100 switcher presets**
- Field upgradeable**
- KVM option**

The Linx<sup>™</sup> family of DVI matrix switchers provides best-in-class signal handling and a comprehensive set of features to simplify installation and operation.

Linx DVI matrix switchers are available in three frame sizes from 8 x 8 to 32 x 32. Standard and custom configurations are available for each frame size. With their highly modular two-channel per card architecture, units are also field upgradeable.

Signals with pixel clock rates from 25Mhz to 165MHz are supported, including 1920 x 1200, 2048 x 1152, and 1080p.

HDCP support allows Linx switchers to accommodate content-protected DVI and DVI-compatible signals. An HDCP encoded signal can be routed to all outputs simultaneously.

EDID management and control are simplified with RGB Spectrum's *Total EDID Manager*<sup>™</sup>, which provides the user with the most complete set of EDID management tools available.

All Linx family DVI matrix switchers are designed with simplified system integration in mind: Functions are easily set up and controlled with a command line interface or graphically via a standard web browser. Front panel controls on models 1600 and 3200 provide quick access to call up presets or create a routing assignment. Built-in cable equalization extends input cable lengths up to 50m without the need for external signal extenders. Each output connector can supply up to 500mA of power for pin-powered devices, obviating the need for external power supplies.

The Linx's modular architecture simplifies I/O card replacement should it ever be needed. The model 3200 includes dual-redundant power supplies. All units feature user-swappable power supplies.

Built on RGB Spectrum's long tradition of quality and reliability, the Linx 800, 1600 and 3200 are designed for 24/7 operation. They provide an unmatched combination of performance, features, robust construction and ease of use.

- BP-16PX  
Network Pushbutton Panel  
See pg. 10
- XtendView FiberDVI  
Fiber Optic Extender  
See pg. 8
- MultiPoint KvM Option  
See pg. 9
- Total EDID Manager*  
See pg. 11

## Specifications

### Inputs

Module format	2 channel
Signal type	DVI Single-Link
Pixel clock rate	Up to 165 MHz
Resolution	Up to 1920 x 1200, 2048 x 1152 and 1080p
Connectors	DVI-I
Cable equalization	Automatic/manual to 164 ft (50m)

### Outputs

Module format	2 channel
Signal type	DVI Single-Link
Pixel clock rate	Up to 165 MHz
Connectors	DVI-I
DVI 5V power	500mA per channel

### Control

Serial	RS-232 9600 - 115,200 baud
Network	Ethernet TCP/IP 100/1000 BASE-T; Command line and graphical user interface "WCP" (Linx 3200)

### Audio

Digital audio pass-through	Supports stereo audio, 5.1, 7.1 embedded in the video stream
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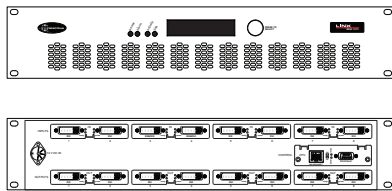
### Physical

	<b>Linx 800</b>	<b>Linx 1600</b>	<b>Linx 3200</b>
Input/output (max)	8 x 8	16 x 16	32 x 32
Standard configurations	4 x 4, 4 x 8, 8 x 4, 8 x 8	8 x 8, 8 x 16, 12 x 8, 16 x 8, 16 x 16	16 x 16, 24 x 16, 24 x 24, 32 x 16, 32 x 24, 32 x 32
Size	3.5" x 19" x 16" 8.9 x 48.3 x 40.7 cm	7" x 19" x 16" 17.8 x 48.3 x 40.7 cm	10" x 19" x 22" 25.4 x 48.3 x 55.9 cm
Weight	20 lbs / 9 kg	30 lbs / 14 kg	57 lbs / 25.9 kg
Air filter	N/A	Washable foam filter; pore density 25 ppi	Washable foam filter; pore density 25 ppi

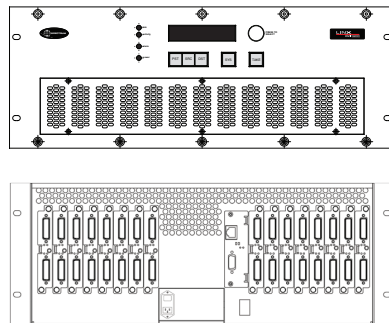
### Power Specifications

Power	12 VDC	100-240 VAC; 50/60 Hz	100-240 VAC; 50/60 Hz
Power consumption	Less than 150W	Less than 270W	Less than 450W
Power supply	External AC power with locking plug 100-240 VAC; 50/60 Hz	User swappable	Dual redundant; hot swappable

**Linx 800**



**Linx 1600**



**Linx 3200**

