



## CROSS X FORMAT SWITCHING

**RGB & DVI Input → DVI Output**

### Linx CrossXFormat 900, 1700, 3300

**One Switcher for DVI & RGB Sources**

**DVI and analog RGB inputs**

**DVI dual-link option**

**All DVI outputs**

**Full HDCP support**

**Audio pass-through**

**Robust 24/7 operation**

**Cable equalization up to 50m**

**Up to 500mA pin-power per output**

**Pixel relocking for optimal image quality**

**Front panel and network control**

**Graphical user interface via web browser**

**EDID pass through and override with Total EDID Manager™**

**User swappable power supplies**

**100 switcher presets**

**KVM option**

**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**

The Linx™ family of CrossXFormat™ switchers provides the optimal solution for environments with both DVI and analog RGB sources. They are perfect for the facility that is transitioning from analog to DVI, or requires continuing use of specialized equipment with analog RGB output.

Incorporating RGB Spectrum's breakthrough CrossXFormat architecture, these switchers support DVI and RGB signals on every input. Unlike other companies' solutions that offer two separate switchers housed in a single enclosure, Linx switchers are truly integrated systems. Analog RGB inputs are internally converted, processed through the switcher, and output as DVI signals.

CrossXFormat switchers are available in three frame sizes from 8 x 8 to 32 x 32. Standard configurations are available in each size; custom configurations are also available. With a highly modular two-channel per I/O card architecture, units are field upgradeable and serviceable.

Linx switchers support pixel clock rates from 25MHz to 165MHz including 1920 x 1200, 2048 x 1152 and 1080p resolution signals. DVI dual-link is available as an option, supporting pixel clock rates up to 330MHz. Each input card can support one DVI dual-link or two DVI single-link or analog RGB channels. Output cards can support a single DVI dual-link or two single-link channels.

EDID management and control are simplified with RGB Spectrum's *Total EDID Manager™*, which provides the user the most complete set of EDID management tools available, including fixed, emulated and pass-through of EDID. EDID and configuration files may be exchanged between the switcher and a PC.

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.

All Linx family switchers are designed with simplified system integration in mind. Functions are easily controlled using a command line interface or graphically via a standard web browser. Front panel controls on models 1700 and 3300 provide quick access to call up presets or create routing assignments. Built-in cable equalization extends input cable lengths 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. All units feature a user-swappable power supply. The model 3300 includes dual redundant power supplies.

Built on RGB Spectrum's long tradition of quality and reliability, the Linx 900, 1700 and 3300 are designed for 24/7 operation and are ideally suited for mission critical applications.

**Specifications**

**Inputs**

	<b>DVI</b>	<b>Dual-Link DVI (option)</b>	<b>Analog RGB</b>
Module format	2 channel	1 dual-link or 2 single-link channels	2 channel
Signal type	DVI single-link	DVI single-link or dual-link	3, 4, 5 wire progressive; 3, 4 wire 1080 interlaced
Pixel clock rate	Up to 165 MHz	Up to 330 MHz	Up to 165 MHz
Resolution	Up to 1920 x 1200 2048 x 1152 and 1080p	Up to 3840 x 2400	Up to 1920 x 1200 2048 x 1152 and 1080p
Connectors	DVI-I	DVI-I	DVI-I
Cable equalization	Automatic/manual to 164 ft (50m)	Automatic/manual to 164 ft (50m)	N/A

**Outputs**

Module format	2 channels	1 dual-link or 2 single-link channels	N/A
Signal type	DVI single-link	DVI single-link or dual-link	N/A
Connectors	DVI-I (digital only)	DVI-I (digital only)	N/A
DVI 5V power	500mA per channel	500mA	N/A

**Control**

Serial	RS-232 9600 - 115,200 baud
Network	Ethernet TCP/IP 100/1000 BASE-T; Command line and graphical user interface “Web Control Panel”

**Audio**

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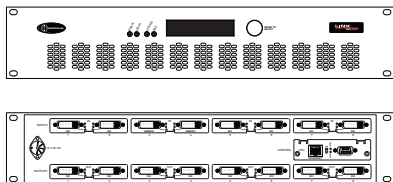
**Physical**

	<b>Linx 900</b>	<b>Linx 1700</b>	<b>Linx 3300</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 (H x L x W)	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 55.8 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

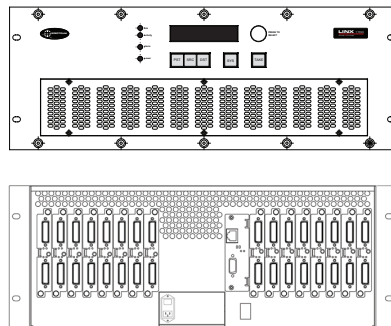
**Power Specifications**

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

**Linx 900**



**Linx 1700**



**Linx 3300**

