FLX-3232 Technical Specifications

Thirty-Two Input to Thirty-Two Output Modular Video Matrix Switcher
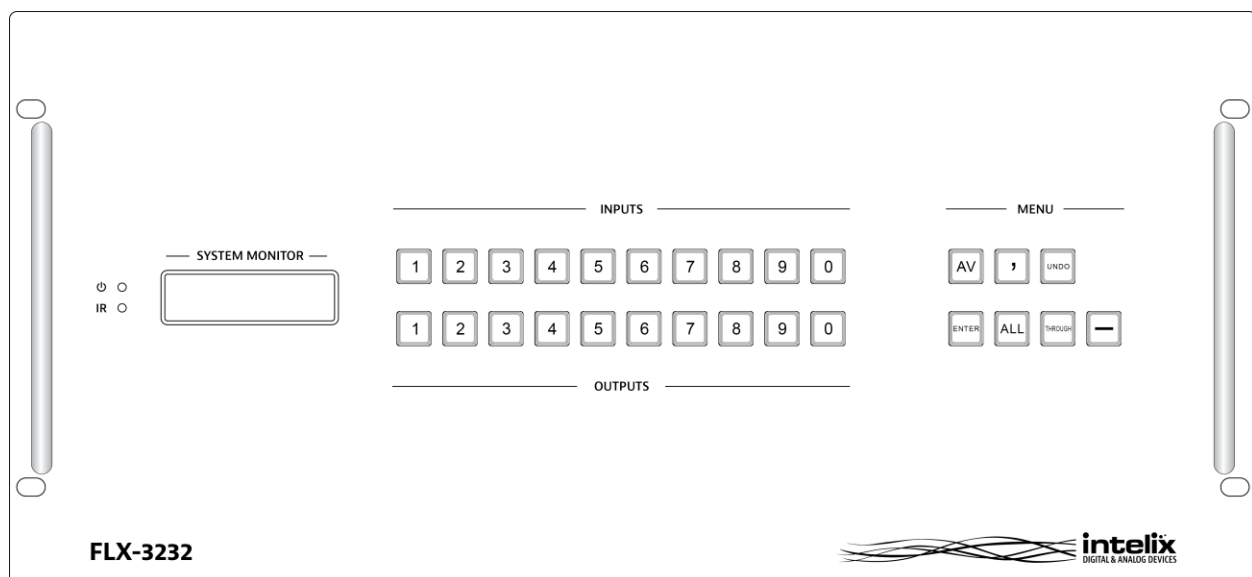
Rev. 130306

The Intelix FLX-3232 is a modular video matrix switcher that supports up to thirty-two inputs and thirty-two outputs. There are eight input slots and eight output slots; each modular input or output card supports up to four device connections. In addition to front panel control, the FLX-3232 can be controlled via IR, RS232, or TCP/IP connections.

The modular input cards include the following connections: HDMI, DVI, HDBaseT (with RS232 and bi-directional wide-band IR), and analog video with digital scaling via HD15 (VGA-UXGA, RGBHV, RGBS, RGsB, RsGsBs, component video, S-video and composite video). The modular output cards include the following connections: HDMI, DVI, and HDBaseT.

Stereo audio embedding is available on the HDMI input cards to allow analog audio to be inserted into the digital signal. Stereo audio can be de-embedded using the HDMI or HDBaseT output cards. Advanced EDID management restricts sources to output only stereo audio, while emulating the native video data from the attached displays. This system allows analog audio to be switched with the paired digital video, eliminating the requirement for an additional audio matrix switcher.

Clear button caps provide legible text on the front panel, which can be customized for each installation. IR, RS232, and TCP/IP provide a wide range of options for third party control systems. Ten programmable presets provide an efficient means of configuring the video and audio distribution for common usage patterns.

The FLX-3232 was designed with flexibility in mind. There are over 80 possible input card to output card combinations. Since the system is modular, the system integrator can customize their installation per their customer's needs and not the limitations of available hardware.

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Technical Specifications

I/O Connections

Supported Input Cards	FLX-BI4, FLX-DI4, FLX-HI4, FLX-RI4, FLX-HI4A
Supported Output Cards	FLX-BO4, FLX-DO4, FLX-HO4, FLX-BO4A, FLX-HO4A
Input and Output Card Securing Mechanism	Thumbscrew
Control, Rear Panel	RS232 via DE-9, TCP/IP via 8P8C Connector
Control, Front Panel	Push Button, IR

Chassis and Environmental

Material	Black Painted Aluminum
Dimensions	483mm x 356mm x 222mm (19 in. x 14 in. x 8.75 in.)
Rack Spacing	5 RU
Shipping Weight	9.98 kg (22 lbs.)
Operating Temperature	0° to +40° C (+32° to +104° F)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	20% to 90%, Non-condensing

Power, ESD, and Regulatory

Power Supply	100-240VAC 50/60 Hz
Power Consumption	280 watts Fully Populated
ESD Protection	15kV
Regulatory	CE, RoHS

Other

Warranty	2 years
Diagnostic Indicators	LCD output status and power LED
Included Accessories	Installation Guide, IR Remote, RS232 Cable, Power Cable, Modular Metal Blank (16 ea), Rubber Feet (4 ea) and Intelix Pocket Screwdriver.

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling with standard-grade Cat 5e unless noted otherwise.

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