

Part No. 38350

12 SLOT SEAMLESS MODULAR MATRIX CHASSIS

FLEXIBLE, 12 SLOT MODULAR MATRIX THAT CAN BE CONFIGURED IN A WIDE VARIETY OF COMBINATIONS



DESCRIPTION

- Provides advanced matrix switching capabilities in a flexible, 12 slot modular matrix that can be configured for use in a wide variety of combinations
- Modular HDMI & HDBaseT input and output boards with audio embedding & de-embedding (sold separately)
- HDMI 18G support, for resolutions up to 4K@60Hz 4:4:4 and 4K@60Hz 4:2:0 over HDBaseT
- Instant seamless switching with less than 0.1ms downtime
- 2 year warranty

The Lindy 12 Slot Seamless Modular Matrix is a powerful AV device that creates flexible, centralised installations in a variety of environments. With fully customisable configurations of HDMI and HDBaseT boards possible, from 1x11, 6x6, 8x4 and more, this solution can be tailored to meet the requirements of any installation within education, hospitality, corporate or government sectors.

Supports resolutions up to 4K@60Hz 4:4:4 8bit over HDMI for exceptional picture quality and clarity. This matrix is perfect for creating visually stunning digital signage in retail or transport hubs, or for multi-display installations in sports bars and clubs. Each board also features audio embedding or de-embedding connections, depending on the board used, for connecting external audio source devices, or separate speakers and amplifiers.

HDBaseT boards can be installed as an input for control and de-centralising source devices, or as an output for extending the matrixes' 4K@60Hz 4:2:0 signals up to 100m over Cat.X cable when combined with other Lindy HDBaseT devices.

The matrix also provides professional, easy-to-use control options for seamless switching between connections in under 0.1ms, ensuring there is no noticeable interruption of content for the viewer. This is ideal in mission critical setups where uninterrupted content delivery and switching is crucial, or in hospitality where sports fans are watching multiple games at once and don't want to miss a second of the action.

IR and RS-232 provide bi-directional control at the location of the matrix, or remotely over HDBaseT for smooth integration into pre-installed control systems. The built-in Web-Gui allows for simple control over matrix switching, as well as resolution scaling, audio settings or the matrixes' EDID function. Push buttons and an LCD display on the front panel also provide simple manual control. Professional EDID management via the Web-Gui or the dipswitch also ensures full compatibility with connected displays.

This is the chassis only; the input and output modules must be purchased separately. These can be customised to suit the installation requirements.

RELATED PRODUCTS

38351
38352
38353
38019

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SPECIFICATIONS

AV Interface	HDMIHDBaseT
Interface Standards	HDMI 2.0
Supported Bandwidth	18Gbps
Maximum Resolution	HDMI: 3840x2160@60Hz 4:4:4 8bit HDBaseT: 3840x2160@60Hz 4:2:0 8bit EDID Management
EDID Pass Through	
HDCP Support	2,2
Supported Audio	HDMI Audio Pass-through Digital & Analogue Extraction to LPCM2.0
Separate Audio Ports	SPDIF Analogue L/R
IR Support	38kHz
CEC Support	Yes
Serial Interface	RS-232
Special Features	Seamless switching Audio embedding & de-embedding Fully flexible configuration EDID Management Redundant Power Supply

PHYSICAL PROPERTIES

Dimensions (approx.) WxDxH	With mounting brackets: 483x433.7x132.5mm [19.02x17.07x5.22in] Without mounting brackets: 440x433.7x132.5 [17.32x17.07x5.22in]
Housing Material	Metal
Net Weight	9.84kg [21.69lb]
Operating Temperature	0°C - 45°C [32°F - 113°F]
Storage Temperature	-20°C - 70°C [-4°F - 158°F]
Humidity	10 - 90% RH (non-condensing)
Power Requirements	AC 100~240V 50/60Hz
Colour	Black

CONNECTORS

Input	HDMI Type A (Female) Input Card, Audio Terminal Blocks RJ-45 (Female) Input Card, Audio Terminal Blocks
Output	HDMI Type A (Female) Output Card, SPDIF (Female), Audio Terminal Blocks RJ-45 (Female) Output Card, SPDIF (Female), Audio Terminal Blocks
Control	Web Gui (RJ-45) IR (3.5mm) RS-232
Power	IEC C14 (Female)

MISCELLANEOUS

Packaging Type	Carton Box
Packaging Dimension	565x283x540mm [22.24x11.14x21.26in]
Gross Weight	12.56kg [27.69lb]
Warranty (Years)	2
Certificated	CE, FCC, RoHS, REACH, California Proposition 65

PURCHASING INFORMATION

No.	38350
EAN	4002888383509

PACKAGING CONTENTS

Seamless Modular Matrix Chassis
AC Power Cord
IR Receiver Cable
USB to RS-232 Cable
4 x Phoenix Male Connector (3.5mm, 2-pins)
4 x Phoenix Male Connector (3.5mm, 3-pins)
12 x Phoenix Male Connector (3.5mm, 5-pins)
2 x Mounting Brackets