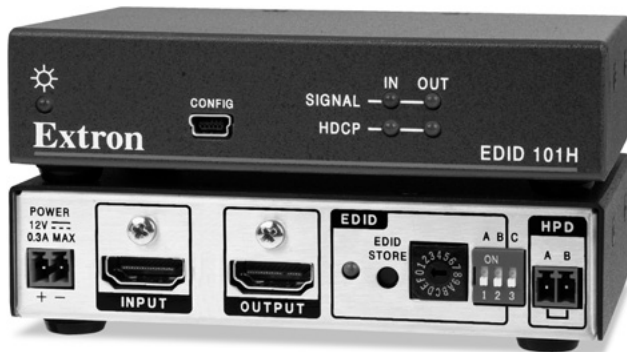


EDID 101H

EDID EMULATOR FOR HDMI

- ▶ EDID Minder® automatically manages EDID communication between connected devices
- ▶ Selectable resolutions and refresh rates
- ▶ EDID capture mode
- ▶ HDCP compliant
- ▶ HPD - Hot Plug Detect control port
- ▶ 1" (2.5 cm) high, quarter rack width metal enclosure



The EDID 101H EDID Emulator for HDMI provides automatic and continuous EDID management for HDMI sources. A unique HPD – Hot Plug Detect port provides control for devices that require a periodic HPD trigger. The EDID 101H ensures that HDMI sources always power up properly and provide a consistent, reliable output of content to the display.



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

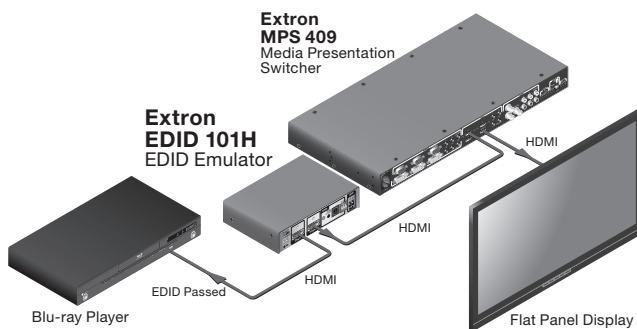
DESCRIPTION

The Extron **EDID 101H** is an EDID Emulator for HDMI signal sources. It features EDID Minder®, an Extron exclusive technology designed to provide automatic and continuous EDID - Extended Display Identification Data management. EDID Minder ensures that the source powers up properly and reliably outputs content. Pre-stored EDID is communicated to the source based on a user-selected resolution and refresh rate. Alternatively, the EDID 101H can be set to capture and store EDID information when connected to a display. A unique HPD - Hot Plug Detect port provides control for remote cameras and other signal sources that require a periodic HPD trigger. The EDID 101H is housed in a compact 1" high, quarter rack width enclosure for convenient, discreet installation. An energy-efficient external universal power supply is included.

FEATURES

- ▶ **EDID Minder® automatically manages EDID communication between connected devices** – EDID Minder ensures that all sources power up properly and reliably output content for display.
- ▶ **Selectable resolutions and refresh rates** – Pre-stored EDID is communicated to the source based on a user-selected resolution and refresh rate.
- ▶ **EDID capture mode** – When connected to a display, the EDID 101H offers the option of capturing and then storing EDID information from the display device.
- ▶ **HDCP compliant**
- ▶ **Interface Format Correction** – Automatically reformats HDMI source signals for output to a connected DVI display.
- ▶ **HPD - Hot Plug Detect control port** – A unique contact closure control port is provided for remote cameras and other devices that require a periodic HPD trigger for proper operation.
- ▶ **1" (2.5 cm) high, quarter rack width metal enclosure**
- ▶ **Energy-efficient external universal power supply included, replacement part # 70-775-01** – Provides worldwide compatibility, low power consumption, and reduced operating costs.

APPLICATION DIAGRAM



SPECIFICATIONS

NOTE: Appropriate HDMI to DVI-D cables or adapters are required for DVI signal input/output.		
VIDEO		
Maximum data rate	6.75 Gbps (2.25 Gbps per color)	
Maximum pixel clock	165 MHz	
Resolution range	Up to 1920x1200 or 1080p @ 60 Hz, 12-bit color	
Formats	RGB and YCbCr digital video	
Standards	DVI 1.0, HDMI, HDCP	
VIDEO OUTPUT		
Connectors	1 female 19-pin HDMI Type A	
CONTROL		
USB control port	1 female mini USB type B	
USB standards	USB 2.0, USB 1.1, USB 1.0 compatible	
USB data rates	Low Speed (1.5 Mbps)	
GENERAL		
Power supply	External: Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A	
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing	
Cooling	Convection, no vents	
Rack mount	Yes	
Enclosure type	Metal	
Enclosure dimensions	1.0" H x 4.3" W x 3.0" D (quarter rack wide) (2.5 cm H x 10.9 cm W x 7.6 cm D) (Depth excludes connectors)	
Product weight	0.25 lbs (0.1 kg)	
Shipping weight	1 lb (<1 kg)	
Vibration	ISTA 1A in carton (International Safe Transit Association)	
Regulatory compliance		
Safety	CE, c-UL, UL	
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI, AS/NZS	
Environmental	Complies with the appropriate requirements of RoHS, WEEE	
Warranty	3 years parts and labor	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part number
EDID 101H	EDID Emulator with EDID Minder® for HDMI	60-1205-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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