

NOW OFFERING METRA-ETHEREAL HDMI® SOLUTION PRODUCTS

HDM-GA1



HDM-GA1 - 4K/HDR 18 Gigabit accelerator for passive HDMI® cables

- Works with passive 24 gauge HDMI® cables up to 15 M, MHX to 17 M, and Velox® passive to 22 M
- 1A USB power supply included
- Use at display side only



HDM-SP2



HDM-SP2 - IEC 61000-4-2 ESD protection specification

- Maximum spike protection of 8KV
- Designed for easy in-line application
- Supports all HDMI® 2.0a features
- Minimum TMDS signal loss
- Passive – no power required



HDM-VCT



HDM-VCT - Supports all HDMI® 2.0a Features

- Supports all HDCP formats
- Supports 18Gbps
- Controlled 5 Volt & hot plug injection
- 1A minimum USB power supply required (Not Included) EHD-USBPWR recommended
- Hot return delay of 100ms
- TMDS power insertion
- USB power cable included



HDM-EDIDB



HDM-EDIDB - Supports all HDMI® 2.0a Features

- Strips EDID return information from display
- Allows Integrator to set desired resolution and refresh rate
- Allows PC/NVR/DVR to be distributed to multiple displays

HDM-JRPLUS



HDM-JRPLUS - True 18 Gbps Pass-Through

- HDCP 2.2 Support
- BT 2020 Support
- RF Shielded Metal Case
- 50% Typical Reduction In Data Rise Times
- HDR Support
- Deep Color Support
- Self Powered
- EDID Regenerator
- Male/Female Form Factor



4K 60
ULTRA HD
HD
1080P

METRA-ETHEREAL HDMI® SOLUTION PRODUCTS

WHEN TO USE THEM

HDM-GA1



WHEN TO USE:

The HDM-GA1 allows you to support full 4K/HDR 18Gbps over extended distances using long Velox® Passive HDMI® cable up to 22 Meters, long MHX Passive HDMI® cable up to 17 Meters or long 24 gauge Passive HDMI® cable up to 15 Meters.

HDM-SP2



WHEN TO USE:

Protect your electronics from spurious ESD spikes down the HDMI® chain. Place the HDM-SP2 in-line on any HDMI enabled device that has an Ethernet, Coax, and or Serial port on it. Use on the HDMI® input for all projectors and display.

HDM-VCT



WHEN TO USE:

Dealing with the issues created by the transition between regular HD and 4K/HDR the HDM-VCT will initiate a forced reset of the EDID fixing most 4K selection problems*. Use with control systems to initiate a hot plug reset when changing sources. Use at source side of system

HDM-EDIDB



WHEN TO USE:

This wondrous device was designed to be used with PC and Security DVR/NVR applications when there is an AVR, Switcher, Matrix or more than one display connected. Use to distribute video to multiple monitors.

HDM-JRPLUS



WHEN TO USE:

The Junior+ (HDM-JRPLUS), resolves two common failures that occur within the Low Speed EDID communication bus, voltage swing issues and acceleration of the data speed, in a single compact unit that connects in-line with HDMI cables for a quick, easy to install solution. Users can fully operate within the 18Gbps domain without loss of signal integrity.

The HDM-JRPLUS increases compatibility between devices that have different data tolerances to minimize failures, as well as between multiple brands of HDMI-enabled electronics. Solves many common issues such as audio dropout, HDCP or mode not supported, mode out of range, long sync times, and the ever popular black screen.