

M-HDX

UNCOMPRESSED DIGITAL
VIDEO, AUDIO, SERIAL &
USB EXTENSION 2,000 FEET
– NO PROBLEM



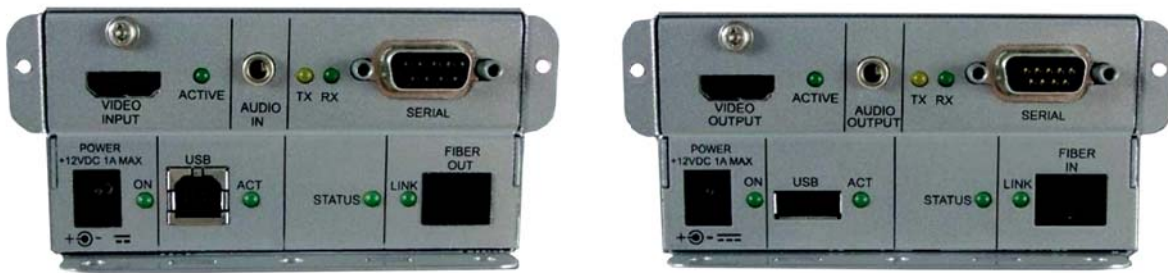
THE DISTANCE YOU NEED – INFINEA™ M-HDX

Raising the bar yet again on long distance AV signal distribution, Magenta's Infinea M-HDX delivers the industry's first extension system for uncompressed digital video, audio, bi-directional serial and USB over a single fiber optic cable. Uncompressed digital video extension enables pixel for pixel reproduction of high definition DVI and HDMI signals at a distance range of 2000ft/609m. With simultaneous support for audio, serial and USB signal types, in addition to hi-definition video, the Infinea M-HDX enables a variety of high performance applications for pro AV, interactive digital signage and KVM extension. The built in bi-directional RS-232 support allows independent control over, and data collection from, each display while the unique USB extension capability enables a new wave of user engaging multimedia & interactive digital signage applications by supporting extension of Human Input Devices (HIDs) such as keyboards, mice and touch screen applications.

FIBER EXTENSION FOR DIGITAL HI-DEFINITION VIDEO, STEREO AUDIO, DUPLEX SERIAL AND USB

The Infinea M-HDX receivers are fully compatible with Magenta's Infinea Opto Matryx switch, enabling a single platform capable of routing up to 96 inputs to 80 outputs as far away as 2000ft/609m, all while supporting hi-definition digital video, audio, RS-232 and USB signal types on each input and output.

Infinea M-HDX Transmitter Front / Back View



Key Features

- DVI, HDMI, Audio, Bidirectional Serial (RS-232) Support
- Single Fiber, Multimode Cable Extension
- Distances to 2,000 feet/609meters
- 1920x1200, 1080P/60 Resolution Support (no reduced blanking requirement)
- HID (Human Interface Device) Support: Keyboard, Mouse & Select Touchscreens
- EDID/DDC Modes Ensure Adaptability to Virtually All Displays/Projectors
- Plug and Play, No Adjustments Required
- Locking Power Input Jack

Typical Installation Types

- Casinos
- Command & Control
- Mission Critical Secure Government/Military Facilities
- Museums
- Large Retail Environments
- Stadiums and Arenas
- High-end Security, Education & Residential
- Commercial & Recreational
- Shipping & Yachting
- Interactive Kiosks

Input Options

- HDMI/DVI* with audio and serial
- 3.5mm for stereo audio
- USB Type-B connector for RS-232
- DB9-F connector for RS-232
- Multimode fiber output (SC connector)

Output Options

- HDMI/DVI* with audio and serial
- 3.5mm for stereo audio
- USB Type-A connector for HID (Human Input Device)
- DB9-M connector for RS-232
- Multimode fiber output (SC connector)

* HDMI to DVI cable required

Application Types

- HDMI/DVI Extension
- Digital Signage and Public Information Display Networks
- Interactive Display Networks
- Digital KVM Extension

Specifications

Cable Required: Multimode Fiber (OM3 preferable)

Maximum Distance: 2,000 feet/609 meters

Video Signal Types: HDMI 1.3, DVI-D (single-link)

Audio Signal Types: Embedded HDMI or line-level analog stereo

Serial Signal Type: Full-duplex, bi-directional RS-232

Connectors: Transmitter: (1) HDMI F, (1) 3.5mm, (1) DB9F, (1) USB Type-B, (1) SC fiber optic (1) 2.1mm coaxial power jack

Receiver: (1) HDMI F, (1) 3.5mm, (1) DB9M, (1) USB Type-A, (1) SC fiber (1) 2.1mm coaxial power jack

Mechanical / Other

Rackmount: Rackmountable with optional kit

Enclosure: Powder-coated steel (Galvanneal process)

Dimensions: 1.0"H x 4.0"W x 3.75"D
25.4H x 101.6W x 95.25D mm

Weight: 1.0 lb (0.45kg)

Power Input: 12VDC @ 1A max

Temperature: Operating 32° - 104° F (0° - 40°C)
Storage -40° - 158°F (-40° - 70°C)

Humidity: 10-90% Non-Condensing

Compliance: CE, FCC, RF, RoHS

86430908

Vertrieb / Distributor:

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