



THE DISTANCE YOU NEED INFINEA™ M-HDX

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

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.



CONNECT WITH CONFIDENCESM

THE DISTANCE YOU NEED INFINEA M-HDX



INFINEA M-HDX TRANSMITTER FRONT/BACK VIEW



INFINEA M-HDX RECEIVER 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

APPLICATION TYPES

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

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

SPECIFICATIONS

Cable Required	Multimode Fiber (OM3 preferable)
Maximum Distance	2,000 feet/609 meters
Video Signal Types	HDMI 1.3, DVI-D (single-link)
Video Signal Type	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

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)

OTHER

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
Warranty	3 Years



Connect with Confidence™