Magenta Research 2211107-01 CF-HDMI-TX2/CARD 2-port Fiber Optic Extender (Transmitter)/Audio/ RS-232

DC input power	+5 VDC, Consumption 5 Watts Maximum
Video Support	Video input formats (video input port): • Maximum resolution supported = 1080p or 1920x1200. • Maximum color-depth = 24 bits per pixel (8 bits per color). • Maximum refresh rate = 60Hz @ 1920x1200. Video output formats (local output port): The local port is essentially a direct copy of the video input port. However, the output video color-space is always RGB regardless of the input video color-space.
Audio Characteristics	This module recognizes all 8 channels (if present) of embedded HDMI audio, passing them through the system to the receiver.
Connectors	(1) HDMI-input, (1) HDMI-output
EDID/DDC	This module supports the EDID/DDC connections on the HDMI connectors.
HDMI	Version 1.3b
HDCP	Version 1.1. Classification: HDCP Repeater Device
CEC	The HDMI "CEC" interface protocol is not currently supported. (Note: The hardware is capable. A future firmware upgrade may enable this functionality.
Environmental	Operating temperature: 32 to 104°F (0 to 40°C). Storage temperature: -4 to +140°F (-20 to +60°C). Humidity: 80% RH, non-condensing.
Enclosure	Steel (0.040"/1mm thick).
	Powder-coat black paint, white epoxy graphics.
Serial Interface	RS232 standard serial interface. Reflects DCE pinout standard. Signals: TXD, RXD, RTS, CTS, DSR, DTR, DCD and RI. Speeds: 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400 Baud. Format: 8 data. 1 or 2 stop bits. no parity bit. Flow control: Hardware and software flow-control is available, configurable on/ off. Connector: DB9-Female, w/4-40 standoffs. **Note:** Speed and data format are software-configurable via MAGui. The ISA hardware is capable hardware and software (Xon/Xoff) handshaking. However, this capability is not yet enabled by the firmware. Check with Magenta Research for applicable firmware updates.
	Discrete Left and Right line-level audio. This module can function as an input (for TX) or output (for RX) device. The audio signal direction is under software control, and is selected automatically by the type of CORE module being used. **Audio-input mode (when used with VG-TX2 CORE):** Input voltage: 2V peak-to-peak, maximum.

Audio interface	Input impedance: >= 10K ohms. Input coupling: AC (capacitive). Input sample rate: 48KHz Input frequency response: 20-20KHz, (@-3dB). **Audio-output mode (when used with VG-RX CORE):** Output voltage: 2V peak-to-peak, maximum.Output impedance: <= 100 ohms. Output coupling: AC (capacitive). Output sample rate: 48KHz Output frequency response: 20-20KHz, (@-3dB). Connector: 3.5mm (1/8") stereo-phono type jack.
System Size	Assumes a typical 3-module configuration consisting of: VIDEO + CORE + ISA modules, docked together: .875"(2.22cm)H x 6"(15.25cm)W x 5"(13.97cm)D Weight: 1.4lbs (.635kg)
MTBF	100,000 hours.