

Magenta Research MVII-DVI-RX-1K-SAP DVI Extender (Receiver)/duplex addressable serial

Cable Required	Category 5, 5e, 6 cable. Shielded or unshielded twisted pair. Low-skew.
Compliance	CE, FCC Class A, IC Class / Class A, UL listed I.T.E Device, RoHS.
Video Support	DVI-D, and HDMI by using a connector adapter.
Resolution & Refresh Rate	Established timings: 640x480@60Hz 800x600@60Hz 1024x768@60Hz 1280x1024@60Hz 1360x768@60Hz 1600x1200@60Hz 1680x1050@60Hz 1920x1080@60Hz 1920x1200@60Hz Detailed timings: 1920x1080@60Hz CEA video formats: 720x480p@(59.94,60Hz)@4:3 720x576p@50Hz@4:3 1280x720p@50Hz@16:9 1280x720p@(59.94,60Hz)@16:9 1920x1080p@50Hz@16:9 1920x1080p@(59.94,60Hz)@16:9 Specific timings 1280x720@60Hz 720x480@59.94Hz 1920x1200@59.94Hz
Interface Signal Details	Video-Output: Standard DVI-D interface specifications apply. DDC/EDID is supported. Standard auxiliary Signals (including -A and -S versions): L+R summed audio input: 47K ohms input impedance. A source device with 600 ohms maximum output impedance is recommended.(analog audio input mode). SPDIF input: 75 ohms input impedance (S/PDIF input mode). Duplex SAP option module: Stereo L/R audio input: 10K ohms input impedance. A source device with 600 ohms maximum output impedance is recommended. RS-232 input: 4.75K ohms input impedance.
Local-output Port Drive Impedance	Standard DVI interface specifications apply (at local video-output port). DDC/EDID is supported.
Audio Characteristics	Standard (A) version: Left+Right summed audio. SAP version: Left/Right true stereo audio. Embedded digital audio is supported. * For summed L+R analog-audio input, please select the 4th-pair configuration setting accordingly. * For stereo analog-audio input, please use SAP option module.
Connectors	Standard connectors: (1) DVI-female: Video out (1) RJ-45: MultiView CAT5 link input/output (1) 4 position phoenix: Auxiliary signal output (1) Coaxial (5.5mm OD, 2.5mm ID, 11mm L) jack: DC power input For SAP version: (1) DB9-F: Serial I/O
EDID/DDC	This module supports the EDID/DDC connections on the DVI-I connectors.
HDMI	It is usually possible to connect to HDMI devices (via a plug-adapter or cable-adapter) Embedded HDMI audio is not supported
CEC	Not supported, even if a "HDMI-to-DVI" plug-adapter or cable-adapter is used.
Power	Input voltage: +5 VDC @ 1.2 Amps max. Consumption: 6 watts maximum
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.
Size	1.2"H x 4.2"W x 4.3"D (3.1 x 10.4 x 10.9 cm)
Weight	1.0 lb. (0.45 kg)
MTBF	100,000 hours.