

## TPS and HDMI Input Board for Ethernet, Audio and Control **new!**



### MX-4TPS2-4HDMI-IB, -A, -S, -P, -AP, -SP

Part no: 9112 0041, 9112 0042 (A), 9112 0043 (S), 9112 0038 (AP), 9112 0039 (SP), 9112 0040 (P)



MX-4TPS2-4HDMI-IB



MX-4TPS2-4HDMI-IB-A



MX-4TPS2-4HDMI-IB-S



MX-4TPS2-4HDMI-IB-P



MX-4TPS2-4HDMI-IB-AP



MX-4TPS2-4HDMI-IB-SP

MX-4TPS2-4HDMI-IB is a mixed input board with four HDMI and four HDBaseT™ single CAT inputs providing HDMI 1.4, audio, Ethernet and RS-232 extension on a single CAT5/6/7 cable up to 120m in HDBaseT™ and 170m distance in Long reach mode (maximal resolution is Full HD 1080p in Long reach mode). Resolutions up to 4K / UHD (30Hz RGB 4:4:4, 60Hz YCbCr 4:2:0) and 48-bit color depth are handled with all standard audio formats as well as 120Hz 3D signals. The board offers bi-directional RS-232 and Ethernet transmission (each board has a 10/100 uplink connector for the Ethernet network connection). The input board is available with audio add-ons: digital S/PDIF or analog stereo connectors are available for advanced audio functions (HDMI embedded audio signals are managed by the board).

MX-4TPS2-4HDMI-IB without the digital or analog audio option also handles HDMI embedded audio. Advanced professional functions such as HDCP enable/disable mode, Pixel Accurate Reclocking, Advanced EDID Management and Frame Detector are integrated ensuring professional setup and operation. The board is compatible with deep color, Dolby TrueHD and DTS-HD audio.

#### Features:

- HDMI extension supporting 3D and 4K
- Accepts HDMI + Ethernet + RS-232 over one CAT5/6/7 cable up to 170m distance
- HDMI 1.4; DVI and HDCP compliant
- 4K / UHD (30Hz RGB 4:4:4, 60Hz YCbCr 4:2:0), 1080p @ 120 Hz, 2560 x 1600, 2048 x 2048,
- 10/100 Ethernet transmission
- Supports all HDMI audio formats
- Digital or analog audio add-on option
- PoE add-on option
- Adjustable analog audio settings

Product Name	Audio Add-on	PoE Add-on
MX-4TPS2-4HDMI-IB	none	none
MX-4TPS2-4HDMI-IB-A	analog	none
MX-4TPS2-4HDMI-IB-S	spdif	none
MX-4TPS2-4HDMI-IB-P	none	yes
MX-4TPS2-4HDMI-IB-AP	analog	yes
MX-4TPS2-4HDMI-IB-SP	spdif	yes

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#### MX-4TPS2-4HDMI-IB-P

- PoE compatible
- 48V remote powering
- Remote powering on/off switching
- Status feedback

#### MX-4TPS2-4HDMI-IB-AP

- Bi-directional configurable analog stereo ports with 5-pole Phoenix connector
- Stereo PCM audio up to 96 kHz can be de-embedded from the HDMI signals
- Digitalized audio (PCM 48 kHz) can be embedded (or replaced) into the HDMI signal
- PoE compatible
- 48V remote powering
- Remote powering on/off switching
- Volume, gain, balance, bass and treble control
- Phase invert, DC filter and de-emphasis option

#### MX-4TPS2-4HDMI-IB-SP

- S/PDIF breakout for every port
- Bi-directional configurable S/PDIF connectors:
- audio can be de-embedded from the HDMI signals or audio can be embedded (or replaced) into the HDMI signal
- PoE compatible
- 48V remote powering
- Remote powering on/off switching
- Status feedback
- S/PDIF can be sent over ARC back to the source device

#### MX-4TPS2-4HDMI-IB-A

- Bi-directional configurable analog stereo ports with 5-pole Phoenix connector
- Stereo PCM audio up to 96 kHz can be de-embedded from the HDMI signals
- Digitalized audio (PCM 48 kHz) can be embedded (or replaced) into the HDMI signal
- Volume, gain, balance, bass and treble control
- Phase invert, DC filter and de-emphasis option

#### MX-4TPS2-4HDMI-IB-S

- S/PDIF breakout for every port
- Bi-directional configurable S/PDIF connectors: audio can be de-embedded from the HDMI signals or audio can be embedded (or replaced) into the HDMI signal
- S/PDIF can be sent over ARC back to the source device