HDBaseT Input Module with Single Ethernet for CORIOmaster2

Dual 4K HDBaseT Input Module

CM2-HDBT-2IN-1ETH

OVERVIEW

An HDBaseT (dual 4K) input module for the input of uncompressed, high resolution Video and Audio into CORIOmaster2 from stand-alone transmitters located up to 100m away. Using HDBaseT 5-Play™ technology, the HDBaseT input Module also allows for Ethernet to be accessible from distant transmitters. This module is HDCP compliant and can be used with transmitters that support HDBaseT, HDBaseT-Lite and HDBaseT-Extended mode (tested to 100m only).

KEY FEATURES

- Dual 4K30 or single 4K60 HDMI Inputs
- HDMI 2.0 (for 3840 x 2160 4:2:0 @ 50Hz, 59.94Hz & 60 Hz) HDMI 1.4 (for other resolutions)
- HDCP 1.4

Designed For

CM2-547 - CORIOmaster2	Module installs in to any of the 8x input slots

Max Installable

CM2-547 - CORIOmaster2	8

Constraints

None	Can be installed with other types of modules in the same system

SPECIFICATIONS

Input Connectors	2 x 4K30 or 1 x 4K60
Resolution Support	640x480p(60, 72, 75, 85Hz), 720x487i (59.94Hz), 720x480i (59.94Hz), 720x480p (59.94Hz), 720x576i (50Hz), 720x576p (50Hz), 800x600p (56, 60, 72, 75, 85Hz), 980x980p (75Hz), 1024x768p (60, 70, 75, 85Hz), 1152x864p (70, 75Hz), 1280x720p (23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz), 1280x768p (60, 75, 85Hz), 1280x800p (60, 75, 85Hz), 1280x960p (60, 85Hz), 1280x1024p (50, 60, 75, 85Hz), 1360x768p (60Hz), 1400x900p (60Hz), 1400x1050p (50, 60, 75Hz), 1440x900P (60, 75, 85Hz), 1600x900p (60Hz), 1680x1050p (60Hz), 1920x720p (60Hz), 1920x1080i (47.96, 48, 50, 59.94, 60Hz), 1920x1080p (23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz), 3840x2160p (23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz), 4096x2160p (23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz)
Compatibility	HDMI 2.0 (for 3840 x 2160 4:2:0 @ 50Hz, 59.94Hz & 60 Hz) HDMI 1.4 (for other resolutions) HDCP 1.4
Color Space	BT.601 on standard resolutions BT.709 for 720p, 1080i, 1080p and 2160p
Data Connection	Ethernet 10/100Mbps via RJ45 Connector
Compatible Transmitters	Magenta HD-One DX, DX500, LX and LX500
AUDIO	
Supported Sampling Rate	48KHz
Sample Size	24 bits
Supported Channels	1 Stereo pair on each input

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