DUX-12F 4K HDMI INPUT BOARD



DUX-F-I-HDMI

The DUX-F-I-HDMI is a 4K and UHD (Ultra High Definition) capable and HDCP 2.2 compliant HDMI input board for the DUX-12F Switching Matrix Enclosure. It has two connections and supports HDMI with embedded audio.

FEATURES

- Supports up to 4K@60 4:4:4 8bit.
- HDCP 2.2 compliant.
- Balanced analog audio embedding.

PACKING LIST

- 1 x DUX-F-I-HDMI
- 1 x 5-pin Pheonix connector

SPECIFICATIONS

General	
Compatible AMX products	Must be used in conjunction with a DUX-12F Switching Matrix Enclosure
Technical	
Connections	• 1 x HDMI IN • 1 x Analog AUDIO IN (5-pin Phoenix Female Port)
Video Type	HDMI with HDCP 2.2
Resolution Supported	• VESA: 800 x 600[8], 1024 x 768[8], 1280 x 768[8], 1280 x 800[8], 1280 x 960[8], 1280 x 1024[8], 1360 x 768[8], 1366 x 768[8], 1440 x 900[8], 1600 x 900[8], 1600 x 1200[8], 1680 x 1050[8], 1920 x 1200[8], 2048 x 1152[8], 3840 x 2160[2,3,5,8], 4096 x 2160[2,3,5,8] • SMPTE: 720 x 480P[7,8], 720 x 576P[6], 1280 x 720P[6,7,8], 1920 x 1080P[6,7,8] 1 = @ 23.98 Hz, 2 = @ 24 Hz, 3 = @ 25 Hz, 4 = @ 29.97 Hz, 5 = @ 30 Hz, 6 = @ 50 Hz, 7 = @ 59.94 Hz, 8 = @ 60Hz
Video Data Rate (Max)	18 Gbps
Video Level	0.5~1.2 Vp-p
DDC Signal	5 Vp-p
Maximum Pixel Clock	600 MHz
Audio Format	• HDMI IN: PCM 2.0, Dolby 2.0, Dolby 5.1. • Analog AUDIO IN: PCM 2.0.
Physical	
Net Weight	0.22 kg

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AMX does not assume responsibility for errors or omissions. AMX also reserves the right to alter specifications without prior notice at any time.

The AMX Warranty and Return Policy and related documents can be viewed/downloaded at www.amx.com.

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08.2022

DUX-12F 4K HDMI 输入板卡



DUX-F-I-HDMI

DUX-F-I-HDMI 为 HDMI 输入板卡，支持 4K 超高清信号，兼容 HDCP 2.2，用于搭配 DUX-12F 切换矩阵使用。该输入板卡提供 2 个接口，支持 HDMI 音频加嵌。

产品特性

- 支持分辨率最高可达 4K@60 4:4:4 8bit；
- 兼容 HDCP 2.2；
- 支持平衡模拟音频加嵌。

包装清单

- 1 x DUX-F-I-HDMI
- 1 x 5-针式凤凰接头

规格参数

常规	
兼容 AMX 产品	必须搭配 DUX-12F 切换矩阵使用
性能	
接口	• 1 x HDMI 输入 • 1 x 模拟音频输入（5-针式凤凰端子，母头）
视频类型	HDMI 兼容 HDCP 2.2
支持分辨率	• VESA: 800 x 600[8]、1024 x 768[8]、1280 x 768[8]、1280 x 800[8]、1280 x 960[8]、1280 x 1024[8]、1360 x 768[8]、1366 x 768[8]、1440 x 900[8]、1600 x 900[8]、1600 x 1200[8]、1680 x 1050[8]、1920 x 1200[8]、2048 x 1152[8]、3840 x 2160[2,3,5,8]、4096 x 2160[2,3,5,8] • SMPTE: 720 x 480P[7,8]、720 x 576P[6]、1280 x 720P[6,7,8]、1920 x 1080P[6,7,8] 1 = @ 23.98 Hz、2 = @ 24 Hz、3 = @ 25 Hz、4 = @ 29.97 Hz、 5 = @ 30 Hz、6 = @ 50 Hz、7 = @ 59.94 Hz、8 = @ 60Hz
视频带宽（最大）	18 Gbps
视频等级	0.5~1.2 Vp-p
DDC 信号	5 Vp-p
最大像素时钟	600 MHz
音频格式	• HDMI 输入：PCM 2.0、Dolby 2.0、Dolby 5.1； • 模拟音频输入：PCM 2.0。
外观	
净重	0.22 kg

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