

## 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 Phoenix 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<sup>8</sup>, 1024 x 768<sup>8</sup>, 1280 x 768<sup>8</sup>, 1280 x 800<sup>8</sup>, 1280 x 960<sup>8</sup>, 1280 x 1024<sup>8</sup>, 1360 x 768<sup>8</sup>, 1366 x 768<sup>8</sup>, 1440 x 900<sup>8</sup>, 1600 x 900<sup>8</sup>, 1600 x 1200<sup>8</sup>, 1680 x 1050<sup>8</sup>, 1920 x 1200<sup>8</sup>, 2048 x 1152<sup>8</sup>, 3840 x 2160<sup>2,3,5,8</sup>, 4096 x 2160<sup>2,3,5,8</sup>
- SMPTE:  
720 x 480P<sup>7,8</sup>, 720 x 576P<sup>6</sup>, 1280 x 720P<sup>6,7,8</sup>, 1920 x 1080P<sup>6,7,8</sup>

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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## 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

<b>常规</b>	
兼容 AMX 产品	必须搭配 DUX-12F 切换矩阵使用
<b>性能</b>	
接口	<ul style="list-style-type: none"> <li>• 1 x HDBT 输入</li> <li>• 1 x 模拟音频输入 (5-针式凤凰端子, 母头)</li> </ul>
视频类型	HDMI 兼容 HDCP 2.2
支持分辨率	<ul style="list-style-type: none"> <li>• VESA: 800 x 600<sup>8</sup>、1024 x 768<sup>8</sup>、1280 x 768<sup>8</sup>、1280 x 800<sup>8</sup>、1280 x 960<sup>8</sup>、1280 x 1024<sup>8</sup>、1360 x 768<sup>8</sup>、1366 x 768<sup>8</sup>、1440 x 900<sup>8</sup>、1600 x 900<sup>8</sup>、1600 x 1200<sup>8</sup>、1680 x 1050<sup>8</sup>、1920 x 1200<sup>8</sup>、2048 x 1152<sup>8</sup>、3840 x 2160<sup>2,3,5,8</sup>、4096 x 2160<sup>2,3,5,8</sup></li> <li>• SMPTE: 720 x 480P<sup>7,8</sup>、720 x 576P<sup>6</sup>、1280 x 720P<sup>6,7,8</sup>、1920 x 1080P<sup>6,7,8</sup></li> </ul> <p>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</p>
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	<ul style="list-style-type: none"> <li>• HDMI 输入: PCM 2.0、Dolby 2.0、Dolby 5.1;</li> <li>• 模拟音频输入: PCM 2.0。</li> </ul>
<b>外观</b>	
净重	0.22 kg

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