

## DUX-12F 4K HDBT INPUT BOARD



### DUX-F-I-HDBT

The DUX-F-I-HDBT is a 4K capable and HDCP 2.2 compliant HDBaseT input board for the DUX-12F Switching Matrix Enclosure. It has four connections and supports HDBaseT with embedded audio.

### FEATURES

- Supports up to 4K@60 4:2:0 8bit.
- HDCP 2.2 compliant.
- Balanced analog audio embedding.
- Ethernet routing (used with output board).
- IR and RS232 pass through HDBaseT.

### PACKING LIST

- 1 x DUX-F-I-HDBT
- 1 x 2-pin Pheonix connector
- 1 x 3-pin Pheonix connector
- 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           | <ul style="list-style-type: none"> <li>• 1 x HDBT IN</li> <li>• 1 x IR IN</li> <li>• 1 x RS232</li> <li>• 1 x Analog AUDIO IN (5-pin Phoenix Female Port)</li> </ul>  |
| Video Type            | HDBaseT with HDCP 2.2   |
| Resolution Supported  | <ul style="list-style-type: none"> <li>• VESA:<br/>1024 x 768<sup>8</sup>, 1280 x 800<sup>8</sup>, 1920 x 1200<sup>8</sup>, 3840 x 2160<sup>5,8(4:2:0)</sup></li> <li>• SMPTE:<br/>1280 x 720<sup>8</sup>, 1920 x 1080<sup>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> |
| Video Data Rate (Max) | 10.2 Gbps   |
| Video Level           | 0.5~1.2 Vp-p  |
| DDC Signal            | 5 Vp-p  |
| Maximum Pixel Clock   | 600 MHz   |
| Audio Format          | <ul style="list-style-type: none"> <li>• HDBT IN: PCM 2.0, Dolby 2.0, Dolby 5.1.</li> <li>• Analog AUDIO IN: PCM 2.0.</li> </ul>  |

### Physical

Net Weight 0.24 kg

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## DUX-12F 4K HDBT 输入板卡



### DUX-F-I-HDBT

DUX-F-I-HDBT 为 HDBaseT 输入板卡，支持 4K 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 4 个接口，支持 HDBaseT 音频加嵌。

#### 产品特性

- 支持分辨率最高可达 4K@60 4:2:0 8bit;
- 兼容 HDCP 2.2;
- 支持平衡模拟音频加嵌;
- 支持网络路由（需与输出板卡搭配使用）;
- 支持 IR 或 RS232 通过 HDBaseT 传输。

#### 包装清单

- 1 x DUX-F-I-HDBT
- 1 x 3-针式凤凰接头
- 1 x 2-针式凤凰接头
- 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        | <ul style="list-style-type: none"> <li>• 1 x HDBT 输入</li> <li>• 1 x IR 输入</li> <li>• 1 x RS232</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      | HDBaseT 兼容 HDCP 2.2   |
| 支持分辨率     | <ul style="list-style-type: none"> <li>• VESA:<br/>1024 x 768<sup>8</sup>、1280 x 800<sup>8</sup>、1920 x 1200<sup>8</sup>、3840 x 2160<sup>5,8(4:2:0)</sup></li> <li>• SMPTE:<br/>1280 x 720<sup>8</sup>、1920 x 1080<sup>8</sup></li> </ul> <p>1 = @ 23.98 Hz、2 = @ 24 Hz、3 = @ 25 Hz、4 = @ 29.97 Hz、<br/>5 = @ 30 Hz、6 = @ 50 Hz、7 = @ 59.94 Hz、8 = @ 60Hz</p> |
| 视频带宽（最大）  | 10.2 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>• HDBT 输入：PCM 2.0、Dolby 2.0、Dolby 5.1;</li> <li>• 模拟音频输入：PCM 2.0。</li> </ul>   |
| 外观        |   |
| 净重        | 0.24 kg   |

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