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	• 1 x HDBT IN • 1 x IR IN • 1 x RS232 • 1 x Analog AUDIO IN (5-pin Phoenix Female Port)
Video Type	HDBaseT with HDCP 2.2
Resolution Supported	• VESA: 1024 x 768[8], 1280 x 800[8], 1920 x 1200[8], 3840 x 2160[5,8(4:2:0)] • SMPTE: 1280 x 720[8], 1920 x 1080[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)	10.2 Gbps
Video Level	0.5~1.2 Vp-p
DDC Signal	5 Vp-p
Maximum Pixel Clock	297 MHz
Audio Format	• HDBT IN: PCM 2.0, Dolby 2.0, Dolby 5.1. • Analog AUDIO IN: PCM 2.0.
Physical	
Net Weight	0.24 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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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 透传。

包装清单

- 1 x DUX-F-I-HDBT
- 1 x 2-针式凤凰接头
- 1 x 3-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	• 1 x HDBT 输入 • 1 x IR 输入 • 1 x RS232 • 1 x 模拟音频输入（5-针式凤凰端子，母头）
视频类型	HDBaseT 兼容 HDCP 2.2
支持分辨率	• VESA: 1024 x 768[8]、1280 x 800[8]、1920 x 1200[8]、3840 x 2160[5,8(4:2:0)] • SMPTE: 1280 x 720[8]、1920 x 1080[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）	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	297 MHz
音频格式	• HDBT 输入：PCM 2.0、Dolby 2.0、Dolby 5.1； • 模拟音频输入：PCM 2.0。
外观	
净重	0.24 kg

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