

DA4-HDMI20-C SKU: 91320011

HDMI Distribution Amplifier with EDID Management and HDCP 2.3 Support

DA4-HDMI20-C is a distribution amplifier with built-in EDID Management and Pixel Accurate Reclocking, supporting DVI, HDMI 1.4, and HDMI 2.0 signals with or without HDCP encryption. The output signal is reclocked and stabilized to remove jitter caused by long cables or poor quality sources.



Front View



Back View

Details

DA4-HDMI20-C is a **compact distribution amplifier** with built-in **EDID Management and Pixel Accurate Reclocking**, supporting DVI, HDMI 1.4, and HDMI 2.0 signals with or without HDCP encryption. The output signal is reclocked and stabilized to remove jitter caused by long cables or poor quality sources. Moreover, to ensure compatibility, the 4k signal on the output is automatically down-converted to HD when HD displays are connected.

DA4-HDMI20-C features **EDID Management** and can emulate EDID to the video source even if no active HDMI display is attached to the outputs. HDCP enable/disable function turns off the HDCP capability on the input, which helps integrate certain laptops into a non-HDCP AV environment. There are 5 factory EDID presets and one programmable memory for storing an user EDID. This latter one can be uploaded through the USB connector. Moreover, the device can use any EDID read from the HDMI display device connected to its video output ports.

Features

- **Automatic down-conversion on the output from 4k to 1080p if required by the connected HDMI display**
- **Compact size**
- **HDMI 2.0 signal support**
- **EDID Management**
- **Input cable equalization**
- **CEC pass-through support**
- Ability to enable or disable HDCP capability on the input
- EDID emulation of factory EDIDs, EDIDs read dynamically from the outputs, or custom EDID stored in memory
- Mounting ears for easy fixture
- 3D pass-through support
- EDID emulation in transmitter
- No signal latency, zero frame delay
- Firmware upgrade through USB
- Support for all HDMI2.0 embedded audio formats



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Specifications

Max resolution:	up to 4096x2048@60Hz (4:4:4) / up to 4096x2048@60Hz (4:2:2) at 12 bits/color
Reclocking:	Yes
HDCP compliance:	HDCP 2.3
3D support:	Yes
A/V standard:	DVI 1.0, HDMI 1.4, HDMI 2.0
Input cable equalization:	Yes, +12dB fixed
Digital audio formats:	All HDMI 2.0 formats including multi-channel PCM, Dolby True-HD and DTS-HD master audio
Front panel control:	Yes, EDID selector switch
LED indicators:	Live, Video Input Status, Video Output Status
EDID emulation:	Yes, EDID management
EDID memory:	5 factory presets, 1 programmable
EDID support:	EDID v1.3
Power consumption:	2.5W (max)
Supported power source:	100-240 V AC; 50/60 Hz
Supplied power:	5V DC, 1A
Enclosure:	1 mm steel
Dimensions:	142 W x 70.4 D x 17.6 H mm
Net weight:	260 grams
Warranty:	3 years

Connectors	
Input / Output:	HDMI connector / 4x HDMI connectors
Control:	Micro USB-B type
Power:	DC connector

