

CYP HDMI Boards Details

1. Here is the specification and some details about this board:

- ◆ 8x in & 2x out
- ◆ Full HDMI 2.0 18 GBps & HDCP 2.2
- ◆ Dolby Vision compatible
- ◆ HDR HLG compatible
- ◆ HDR 10+ compatible
- ◆ Faster-switching time

2. Output 1 includes downscaling capability:

- ◆ By default, both outputs are mirrored
- ◆ If the display connected to the output 1 does not support 4K, the built-in downscaler will automatically convert the video signal to HD

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3. Features set of this firmware:

- ◆ This firmware maintains the ability to switch inputs between HDMI 1.4 and HDMI 2.0
- ◆ This firmware allows you to retrieve the following information from the source:
 - Video resolution
 - Video Refresh rate
 - Video bit depth
 - Video color sampling
- ◆ The following features are not included but are expected to become available later:
 - Full matrix capability
 - OSD (at least for volume control)
 - EDID management and monitoring for the display (future update)
 - Built-in cable tester
- ◆ This HDMI board does not allow retrieving more advanced information about the video signals

4. ARC & eARC:

- ◆ Finally available in this first firmware
- ◆ ARC & eARC are supported on output number 1 for playback only
- ◆ Advanced CEC features (power on & off via remote or volume control) are not supported.