## Shen zhen PCIDV Business Department

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5. Length=1m. 1.2m. 1.5m. 1.8m. 2m

## Function:

- 1. HDMI Ethernet Channel Support: Consolidation of HD video, audio, and data in a single cable, Enable high speed bi-directional communication, Enable IP-based applications over HDMI, transfer speeds up to 100Mbps.
- 2. Audio Return Channel: Adds an audio channel that enables "upstream" audio connections via HDMI simplifies the audio connection between the TV and Audio/Video Receiver. Help reduce yet another cable with the home.
- 3.3D support: Defines common 3D formats and resolutions, 3D support for up to 1080p resolution, Supports many 3D techniques
- 4.4K\*2K support. Support resolution as many state of the art digital theaters, up to 4 times the resolution of 1080p, 3840\*2160 24Hz/25Hz/30Hz, 4096\*2160 24Hz
- 5. Support for additional color spaces: Supports digital still camera (DSC) specific color spaces. sYCC601, Adobe RGB, AdobeYCC601, Enables HDTV's to reproduce the rich, natural, lifelike colors from digital still cameras, Enables consistency and accuracy between DSCs and HDTVs.
- 6.New Connectors: Micro DHMI interface is a smaller full 19-pin design connector, support portable device which can support 1080p resolution. Mini HDMI connector is 2 times as large as the micro HDMI connector.
- 7. Automotive Connection System, An automotive connection system designed specifically for in-vehicle HD distribution. New interlocking connector for internal connections, Amore robust connection specification to withstand the rigors of an automotive environment, such as vibrations, heat, noise and so on.

  8. HDMI video transportation can support SDTV and HDTV. Support RGB, YCbCr4:4:4, YCbCr4:2:2, Support Standard 24bit and Deep color 30/36/48bit.
- HDMI audio transportation can support digital audio, HDMI 1.4 ARC can transport the digital audio singly, Support L-PCM@32khz, 44.1khz, Dolby, DST, One bit Audio.
  - 10. Support automatic voice synch technology, the pixel of screen can extend to 340MHZ (10Gbps)