

AVerMedia

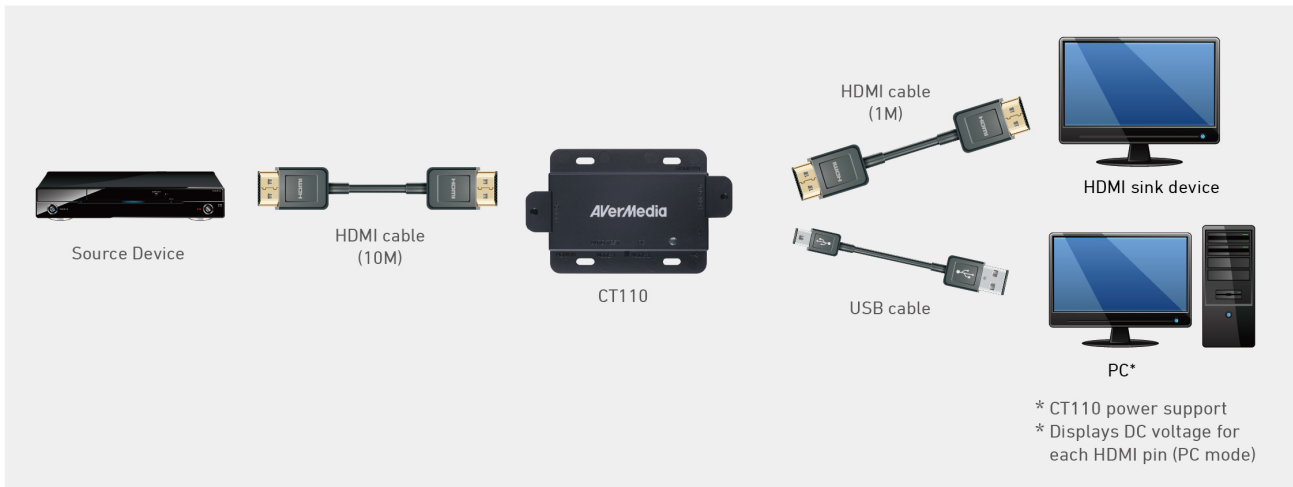


Why CT110 ?

- Fast deployment
- Simple to use
- Reliable HDMI signal detection

CT110 Signal Detector

The extensive use of High-Definition Multimedia Interface (HDMI) across a broad range of hardware from PCs to set-top boxes has given rise to the need for compliance measurement tools. AVerMedia CT110 Signal Detector is specifically designed to detect and validate DC voltage levels for each HDMI signal pin. Once tested, CT110 measures continuity for all HDMI features. The CT110 cross tests between source and sink device to verify the transmission of all digital signals, ensuring source HDMI signal compliancy to prescribed limits.



Features

- Detect HDMI DC voltage levels up to 1080p60
- Dual operation modes for auto testing or pc-operation
- Customized sample time
- 4 layers PCB designed to meet EMI/EMC standards
- RoHS compliant

Spec

- Dimensions: 98.7 x 62.2 x 19.1 mm
- Weight: 45.5g
- Operating temperature: 0°C-35°C
- I/O connector: HDMI input, HDMI output, MINI USB

CT110 can check DC level of each HDMI pin



Type A HDMI

- | | | |
|------------------------|--------------------------------|----------------------|
| (1) TMDS Data2+ | (8) TMDS Data0 Shield* | (15) SCL |
| (2) TMDS Data2 Shield* | (9) TMDS Data0- | (16) SDA |
| (3) TMDS Data2- | (10) TMDS Clock+ | (17) DDC/CEC Ground* |
| (4) TMDS Data1+ | (11) TMDS Clock Shield* | (18) +5V Power |
| (5) TMDS Data1 Shield* | (12) TMDS Clock- | (19) Hot Plug Detect |
| (6) TMDS Data1- | (13) CEC | |
| (7) TMDS Data0+ | (14) Reserved(N.C. on device)* | *No need to check |

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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