

DD-D110

1x 1:10 DVI Distribution Amplifier



MAIN FEATURES

- High Quality Picture - Our Distribution Amplifiers are built to deliver the highest quality picture preserving the native resolutions of the digital video source without any signal loss. At the same time, the digital noises that may affect the picture quality will be eliminated. Due to the nature of the digital signals and passing through multiple stages of connection when using distribution amplifiers, it is important to eliminate the digital noises and boost the signal strength to preserve/enhance the video signal quality.
- Signal Amplification for signal reliability and long length signal transmission - Our 12V power adapter supplies adequate power to amplify the video signals from the video source. This is necessary as the overall length from the video source to the displays is longer when using the distribution amplifiers (distance from the video source to the distribution amplifier + distance from the distribution amplifier to the display). In most cases, the overall distance that the DVI signal will need to travel is over 10ft. Due to the nature of DVI signals, amplification is necessary to warrant the video quality and reliability. (Without amplification, there may be occasional blackouts or blinking effects or digital noise) With this amplification feature, your video display can be extended up to 50ft using high quality DVI copper cables.
- Select External EDID Data - DD-D110 Distributor has EEPROM for store user's display EDID data and supports any of the VESA standard with maximum resolutions, User can select factory pre-programmed EDID data or want to use external EDID data simply.
- HDCP (High-bandwidth Digital Content Protection) Compliant at all channels - Our DVI distribution amplifiers are fully HDCP compliant. Many video sources such as DVD players and Satellite/Cable Receivers are HDCP encrypted. For these video sources to be displayed correctly, Must be HDCP compliant devices (e.g., TV / Projector, Set-top box, AV Receiver, Distribution amplifier) are required.

**EDID [Extended Display Identification Data] EDID is defined by a standard published by the Video Electronics Standards Association (VESA). The EDID includes manufacturer name, product type, phosphor or filter type, timings supported by the display, display size, luminance data and (for digital displays only) pixel mapping data.

TECHNICAL SPECIFICATIONS

- Supports Bandwidth: 25-165Mhz
- Supports Resolution: Up to 1920x1200@60Hz(Under 165Mhz Pixel clock), ATSC HDTV signal up to 1080p
- Input Channel: 1 port
- Output Channel: 10 ports
- Signals & Connectors: Input & Output DVI-D Single Link Connector
- Dimension & Weight:
311mm*145mm*55mm (WxDxH), 1.5kg