

) EY-1/4-DVI

1x4 DVI Distribution Amplifier
with HDCP Support

) PRODUCT DESCRIPTION

The EY-1/4-DVI Distribution Amplifier with HDCP Support provides the most cost effective and advanced DVI splitter solution on the market, by which the high definition video can be transmitted to 4 different locations without losing quality. To equip with HDMI compliant splitter chipsets, EY-1/4-DVI is also good to be used as an advanced HDMI 4 port splitter. EY-1/4-DVI is suitable for high quality PC broadcasting, digital signage and education applications.

) PICTURES



) KEY FEATURES

-) HDMI 1.3b/DVI 1.1 compliant
-) HDCP 1.2 compliant
-) Wide Frequency Range: 25MHz~225MHz
-) Video bandwidth: 6.75Gbps
-) Resolution up to 1080p or WUXGA [1920x1200@60]
-) Automatic EDID learning
-) HDMI supports x.v.YCC, x.v.Color & Deep Color
-) HDMI Supports Dolby Digital, DTS-HD and Dolby TrueHD audio formats
-) USB firmware update for expanding compatibility
-) Wall-mount housing design for easy installation

) TECHNICAL SPECIFICATIONS

| | |
|-------------------|---|
| Usage | 1x4 Distribution Amplifier (Splitter) |
| HDMI compliance | HDMI 1.3c [Deep Color, xvYCC color space supported] |
| DVI compliance | DVI 1.1 |
| HDCP compliance | Yes |
| Video bandwidth | Single-link 225MHz [6.75Gbps] |
| Video support | Up to WUXGA [1920x1200@60Hz] & UXGA [1600x1200@60Hz] |
| Audio support | DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM |
| ESD protection | [1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±2kV |
| PCB stack-up | 4-layer board [impedance control — differential 100W; single 50W] |
| Firmware update | Feasible via USB-port |
| CEC Channel | N/A |
| Input TMDS signal | 1.2 Volts [peak-to-peak] |
| Input DDC signal | 5 Volts [peak-to-peak, TTL] |
| Input | 1x DVI/HDMI [7.1ch audio & video] |
| Output | 4x DVI/HDMI [7.1ch audio & video] |
| DVI connector | DVI-I [29-pin female digital only] |
| USB connector | Standard type-B [square shape] |

) APPLICATION POSSIBILITY

