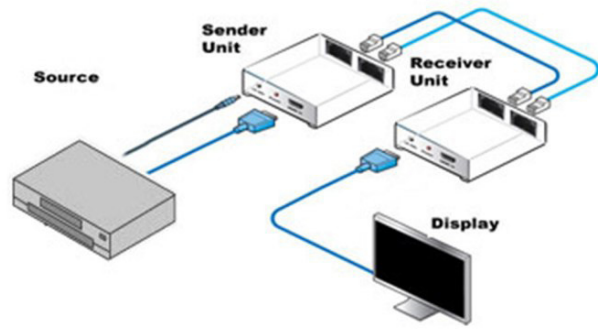


HDMI EXTENDER (BY CAT-5E CABLE)



EX004



Typical Application

INTRODUCTION

EX004 is a HDMI extender while using CAT-5E cable as transmission media. Benefits from using EX004 :

- 1) The length of HDMI cable is fixed and unchangeable after it is produced. Because the HDMI connector can only be soldered or terminated by professional worker in factory, the users can not reduce or increase by themselves. However CAT5E cables are available everywhere and be processed easily by the user or installer.
- 2) When cabling in hidden method, because the header of long HDMI cable is big, and so is the cable. So it is not easy to bend the HDMI cable and pull it through the in-wall tube or tray. However, CAT-5E cable has no such problem.
- 3) By using EX004 , the transmission distance can up to 60 meters. For general HDMI cables, cables must be customized when the length over 10 meters.

FEATURES

- ▶ One pair as a full functional module, no need of setting.
- ▶ Use CAT-5E cable to substitute HDMI cable to achieve long distance transmission.
- ▶ Follow the standard of IEEE-568B.
- ▶ Transmission distance reaches up to 60 meters.
- ▶ Auto-adjustment of feedback, equalization and amplify, the user does not need to care about the length of the cable.
- ▶ Compact size.
- ▶ Signaling rates up to 2.25Gbits in support of 1080P display.
- ▶ Each port supports HDMI or DVI inputs.
- ▶ HDCP compliant.

SPECIFICATIONS

- ▶ Operating temperature rang.....-5 to +35°C (-41 to +95°F)
- ▶ Operating humidity range.....5 to 90 % RH (no condensation)
- ▶ Signalling rates.....2.25Gbits x 3
- ▶ Input Video Signal.....0.5-1.0 volts p-p
- ▶ Input DDC Signal.....5 volts p-p (TTL)
- ▶ Video format supported:DTV/HDTV: 1080P/1080i/720P/576P/480P/576i/480i
- ▶ Output Video.....HDMI1.3
- ▶ Transmission distance.....60M
- ▶ Power Consumption.....120 mWatts (max.)
- ▶ Dimensions.....40mmW x 77mmH x 15mmD
- ▶ Mass.....63 g.