

(Cat5e/Cat6)

HDMI EXTENDER

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

INTRODUCTION

The extender of the HDMI uses CAT5E/CAT6 cable as transmission media. The HDMI extender extends your HDTV display up to 25m (using the CAT5E) / 35m (using good quality CAT6) away from your HDTV source using two CAT5E / CAT6 cables. It is equipped with HDMI (high definition multimedia interface) connectors and is capable of supporting DVI (digital visual interface) equipment when used with an HDMI to DVI Adapter, providing greater flexibility and options when integrating several home theater components.

BENEFITS

- 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 the professional workers in factory, the users can not reduce or increase by themselves. However CAT5E / CAT6 cables are available everywhere and be processed easily by the user or installer.
- 2) Because the header of the long HDMI cable is big, using it must in hidden method. What's more, it is not easy to bend the HDMI cable and to pull it through the in-wall tube or tray. However, CAT5E / CAT6 cable has no such problems. the extender 25m / 30m. For the general HDMI cables, they must be customized when the length is over 10 meters.

The extender offers solutions for residential consumers: HDTV retail and show site, HDTV, STB, DVD and Projector factories, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

FEATURES

- . One pair as a full functional module, no need of setting.
- . CAT-5E cable can substitute HDMI cable to achieve long distance transmission.
- . Follow the standard of IEEE-568B.
- . Transmission distance can be up to 25m / 30m.
- . 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 165 mhz in support of 1080P display.
- . Each port supports HDMI or DVI inputs.
- . HDCP compliant.

SPECIFICATIONS

Operating temperature range..... -20 to +70℃
Operating humidity range..... 5 to 90 % RH (no condensation)
Signalling rates..... 165 mhz 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
Safe Transmission distance..... 25M / 30M
Power Consumption..... 5Watts (max.)
Dimensions..... 45mmW x 25mmH x 81mmD

NOTE: The CAT5E / CAT6 cable quality would effect the signal transmitting distance.

CONNECTION DIAGRAM

