HDMI CAT5E Extender Over Single cable Series
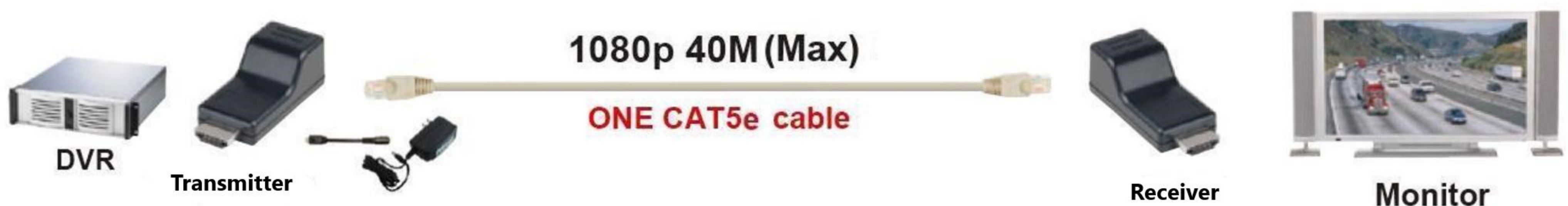
ITEM NO.: 800359

The 800359 is an economic HDMI CAT5e extender, passive type. The application only use to extend your DVR/NVR HDMI signal distance up to 70 meters with resolution 1024x768. It provides an easy and flexible cabling solution for HD CCTV monitoring application.

HE01ERK Passive HDMI CAT5e Extender

- **Special design to extend HD DVR/NVR HDMI signal only.**
- Include HE01SET transmitter, HE01SER receiver, used in pairs via one CAT5e/6 cable to send HDMI signal.
- HE01SER as active receiver for high performance.
- No external power required.
- Built in micro USB for external power when your HDMI source not able to provide enough power to the receiver.
- Support high resolution 1080p at 40M.
- Support long distance up to 70 meters at 1280x720.

Installation:

1080p 40M (Max)
ONE CAT5e cable

DVR   Transmitter   Receiver   Monitor

800359 transmitter built in micro USB for external power when your HDMI source not able to provide enough power to the receiver. Please use micro USB to DC plug cable with 5V power adaptor (optional order) for external power.

Transmisison Distance: The transmission distance will be affected from different DVR/NVR/ equipment and cable quality.

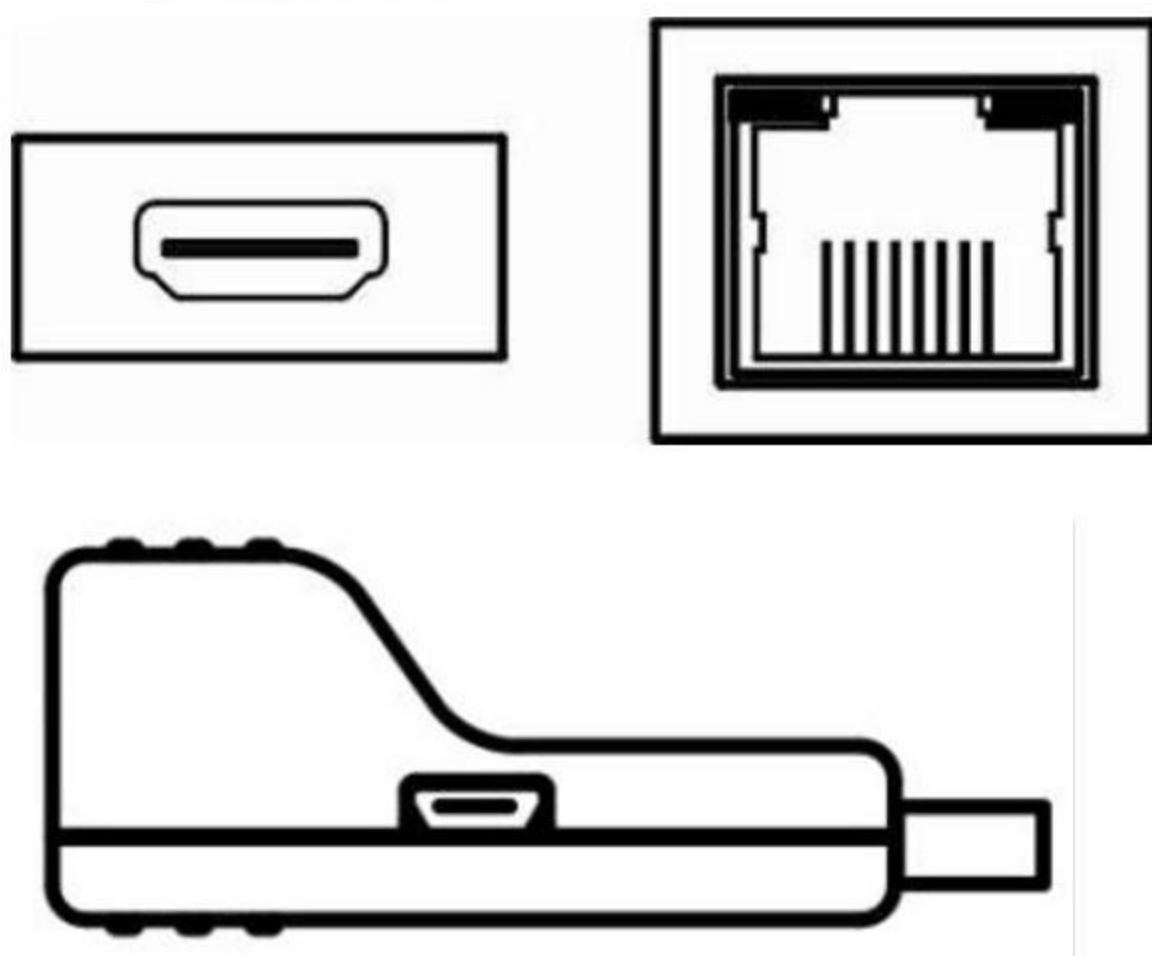| 800359	
Resolution/CAT5e	Distance(Meter)
1920x1200	40
1920x1080	40
1280x1024	60
1280x 720	70
1024 x768	70

Support Resolution:

1920x1200@60Hz
1920x1080@60Hz
1680x1050@60Hz
1600x1200@60Hz
1600x900@60Hz
1440x900@60Hz
1280x1024@60Hz
1280x960@60Hz
1280x800@60Hz
1280x720@60Hz
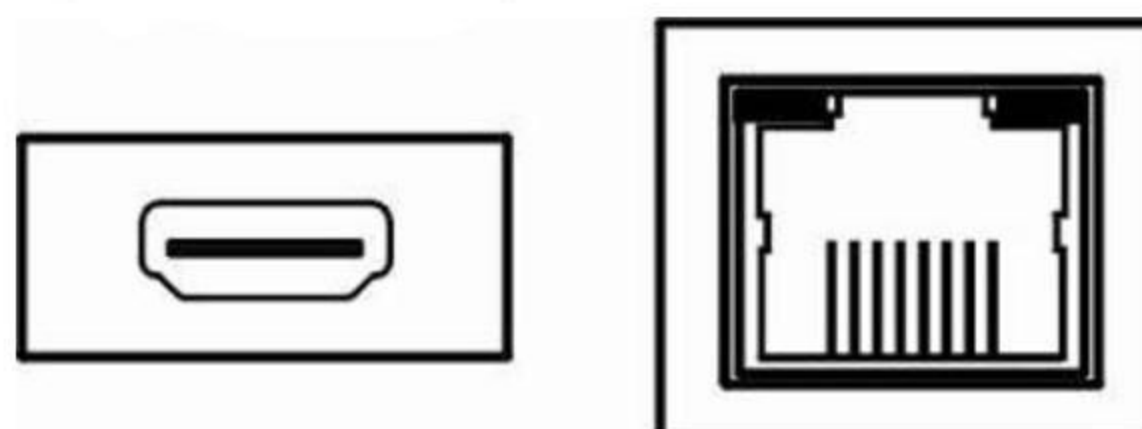1024x768@60Hz
800x600@60Hz

LED Indication:

Green: Power on/off
Yellow: Reserve

Panel View:

Transmitter

Receiver

Cable:

Video Link cable using high quality CAT5E UTP or CAT6 UTP cable, CAT6 cable enhances transmission range and signal stability.   Recommend to use CAT6 cable if distance over 30M. Do not use STP cable or flat cable which may cause no video output.

RJ45 Define:

Video Link (use TIA/EIA-568-B)

1. Orange-white	TMDS DATA2 +
2. Orange	TMDS DATA2 -
3. Green-white	TMDS CLOCK + / HDMI 5V
4. Blue	TMDS DATA1 +
5. Blue-white	TMDS DATA1 -
6. Green	TMDS CLOCK - / GND
7. Brown-white	TMDS DATA0 +
8. Brown	TMDS DATA0 -