

DVI with USB CAT5 Extender

ITEM NO.: DE01U



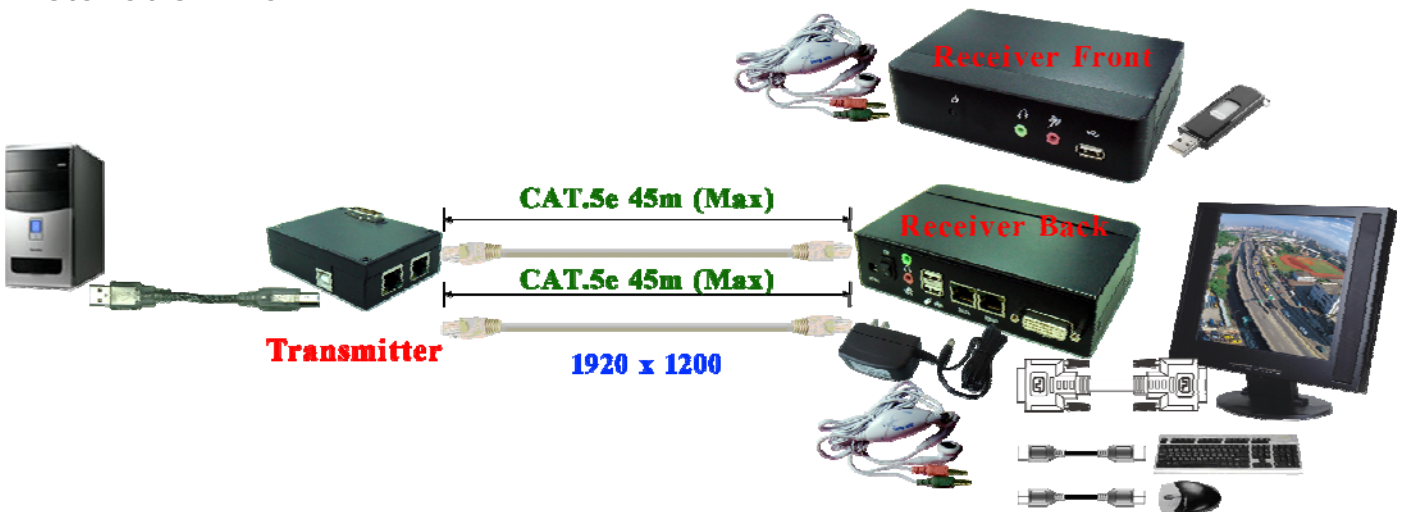
The DVI with USB CAT5 Extender allows DVI video and USB signals be transmitted up to 45 meters via two CAT5 UTP cable. Used in pairs, the Extender is used in home or commercial applications as a smart, fast and cost-effective, eliminates costly and bulky DVI, USB cable.

Applications for classroom projector systems, boardroom systems, collaborative PC systems C-training systems, and tradeshow PC demo systems and medical information systems.

DVI with USB 1.1 CAT5 Extender over two CAT5

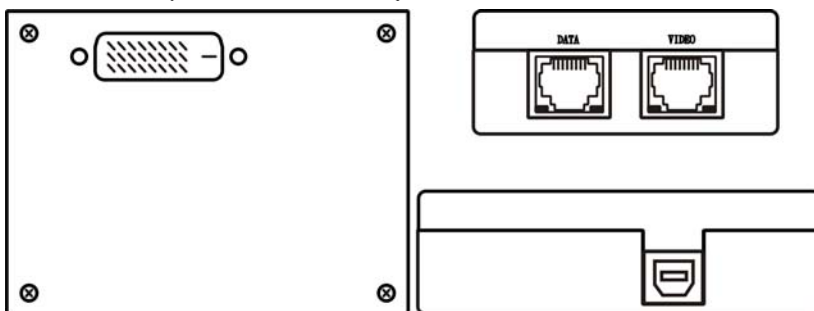
- Include DE01UT transmitter, DE01UR receiver, used in pairs via two CAT5E/6 cable to send DVI and USB signal.
- Built in 3 port USB Hub & USB Audio.
- Support high resolution up to 1920 x 1200.
- Transmission distance up to 45 meters at 1920 x 1080.

Installation View:

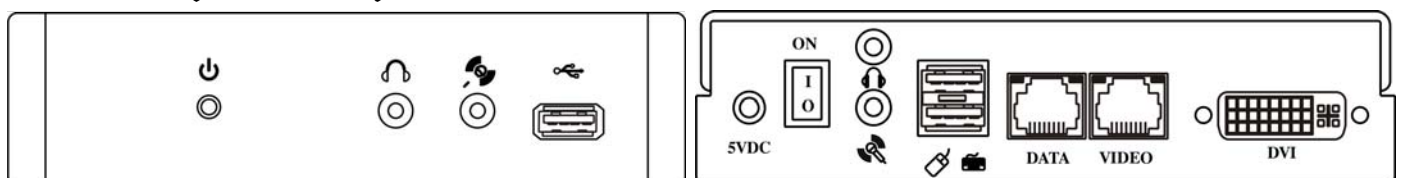


Panel View:

DE01UT (Remote unit)



DE01UR (Local unit)



Recommend Cable:

Video Link Cable use high quality Cat.5e / Cat.6 UTP cable.
Data Link Cable use high quality Cat5/5e UTP cable.

Transmission Distance:

The transmission distance will be affected from different DVI equipment and cable quality.
Using Cat.5e cable up to 45M.at 1920 x 1200 resolution.

RJ45 Pin Configuration: TIA/EIA 568B Wiring standard

Video Link

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

Data Link

| | |
|-----------------|---------|
| 1. Orange-white | USB+ |
| 2. Orange | GND |
| 3. Green-white | USB- |
| 4. Blue | GND |
| 5. Blue-white | RESERVE |
| 6. Green | GND |
| 7. Brown-white | RESERVE |
| 8. Brown | GND |

Button, Switch Instruciton:

DE01UR Back Panel :

POWER SW DE01UR Power on/off

LED Indication:

DE01UT RJ-45 :

VIDEO LINK

GREEN DVI Power on

YELLOW Not Detect MONITOR HPD signal

DATA LINK

GREEN PC USB Power on

DE01UR Front Panel :

PWR / LINK Power , Link on/off

BLUE PC Power on

RED PC Power off, unlink

OFF DE01UR Power off

DE01UR Back Panel :

VIDEO LINK

GREEN DVI Power on signal
YELLOW Net Detect DVI Video Signal

DATA LINK

GREEN USB Status Normal

Caution:

1. The wiring must be away from electro magnetic equipment, i.e. microwave, wireless, high voltage cable...etc., to avoid any interference.
2. All wiring is "straight-through" twisted pair cable, not being used for other LAN or telephone equipment.

Specification:

| ITEM NO. | DE01U | |
|-------------------------|---|---------------------------|
| Resolution | Up to 1920 x 1200 @60Hz | |
| Link Cable Distance | 45 Meters | |
| Power Supply | 5V DC 2A Regulated | |
| Power Consumption | 2000mA (Max) | |
| Temperature | Operation: 0 to 55 C, Storage: -20 TO 85 c, Humidity: up to 95% | |
| DIMENSIONS W x H x D mm | DE01UT : 82.5 x 62.5 x 29.5 mm | DE01UR : 145 x 96 x 37 mm |
| Weight g | DE01UT : 150g | DE01UR : 330g |

