



IPC100 HDMI over Ethernet sender and receiver kit with IP Color Technology 1 to 1

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Introduction

The Diamond IPC100 HDMI over Ethernet kit includes one transmitter unit and one receiver unit allows HDMI video/audio signal transmission and extending the HDMI video/audio signal up to 230 feet over CAT6/CAT6A/CAT7. The Diamond IPC100 extender not only supports point to point configuration. This extender supports Bi-directional IR passthrough that can detect IR remote controls of the source devices from receiver side makes source control easy.

Product Features and Information

HDMI compliance:	HDMI 2.0, compatible HDMI 1.4
HDCP compliance:	HDCP 2.2, compatible HDCP 1.4
Transmission medium:	CAT6/CAT6A/CAT7
Transmission distance:	CAT6/6A/7 Transmission 230 feet / 70 meters
Video bandwidth:	18Gbps
Video support:	480i@60Hz、480p@60Hz、576i@50Hz、 576p@50Hz、720p@50/60Hz、 1080i@50/60Hz、1080p@50/60Hz、 3840x2160@24/25/30/50/60Hz、 4096x2160@24/25Hz、1280x960、1280x800、 1280x768、1680x1050、1360x768、 1366x768、1600x900、1024x768、800x600
Audio support:	LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH
HDR10(YUV4:4:4):	Yes
HDMI Loop-out:	Yes
ARC and S/PDIF out:	Yes
EDID through:	Yes
Bi-directional IR pass back:	Yes
Input TMDS signal:	0.7~1.2Vp-p
Input DDC signal:	5Vp-p

Connectors:

Input	HDMI*1, DC2.1*1, 3.5mm jack *1 (IR)	DC2.1*1, RJ45*1, 3.5mm jack *1 (IR)
Output	HDMI*1, RJ45 *1, 3.5mm jack *1 (IR)	HDMI*1, RJ45*1, Optical*1, 3.5mm jack *1 (IR)
HDMI connector	Type A 19 Pins, Female	
Network cable standard	CAT6/CAT6A/CAT7 , follow IEEE-5688 standard	

Housing:	Aluminum alloy material + crystal panel
Power Supply:	5V/2A (TX and RX)
Power Consumption:	4W (TX and RX)
Operation Temperature:	-20~60°C
Storage Temperature:	-30~70°C

- **Series:** VStream
- **Model:** IPC100
- **PN Number:** IPC100
- **UPC Number:** 757448025941
- **Case Quantity:** 10
- **Case Dimensions:** 20 X 15.15X 14.96 INCHES
- **Master Case WT:** 22 lbs.
- **Product Weight:** 0.45 lbs. (TX and RX)
- **Package Weight:** 1.2 lbs.
- **Warranty:** 1 year
- **Applications:** Video walls, Projectors, hospital, government, education applications and more...

Package Contents

- IPC100 (Transmitter) x 1
- IPC100 (Receiver) x1
- HDMI cable x 2
- 5V DC 2.0A Power adapter x2
- IR x 2
- Mounting Bracket x 4
- User Guide x 1

System Requirements

HDMI Display or Projector for the Receiver

HDMI (Game Console, Set Top Box, Blu-ray/DVD player and etc.) Source for the Transmitter

IR remote (optional) (Example; remote control that came with your set top box)