

Transmitter and Receiver over Network



INTRODUCTION

Introduction This extender can extend the HDMI signal to 328fts/100meters over one single CAT5e/CAT6/CAT7 cable. It's compatible with all the HDTV formats, supports HDMI1.2, HDCP1.4 and one way IR transmission, the max resolution can up to 1080P@60Hz. With KVM function, it provided users to remote control the equipment. With indicators on the front panel, users will be much easier to know the equipment working status. Last but not least, this extender also can connect to the network switch, then it can realize one to many or many to many.

This equipment has popularly used in meeting room, military, bank, government, medical and so on fields.

- ▶ Support all HD formats, the maximum resolution up to 1080P60Hz
- ▶ Over one single Cat5e/6 cable up to 100m transmission
- ▶ Support HDMI1.2, compatible with HDCP
- ▶ Supports one way IR
- ▶ Supports KVM function to realize remote control
- ▶ Recommend Cat5e/ 6/ 7 cable, wiring standard is IEEE-568B
- ▶ Supports to connect with network switch to realize flexible inputs and outputs configuration



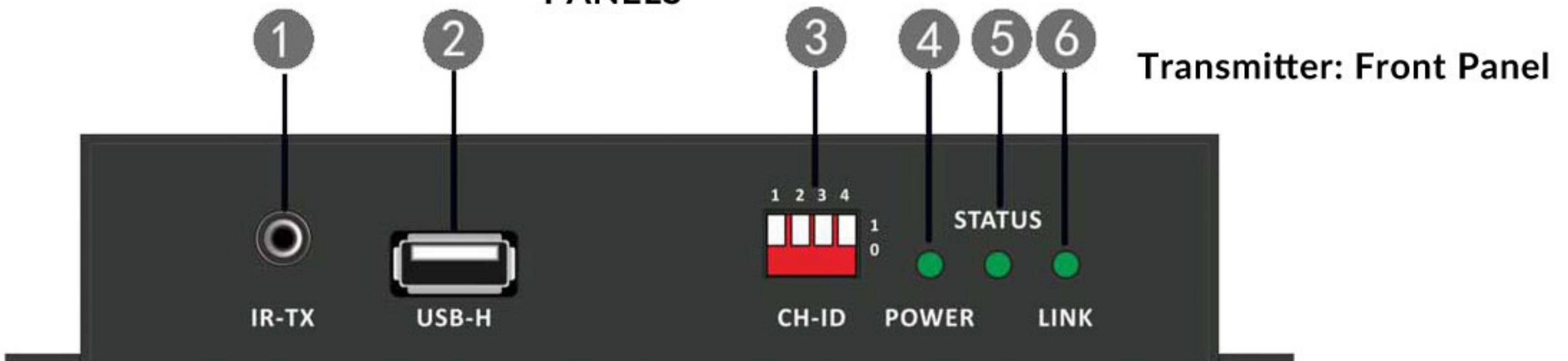
Technical Specification

Model	Transmitter and Receiver over Network
Input	1 x HDMI 1 x DC 12V 1 x USB 1 x IR-RX
Output	1 x HDBaseT
Protocol	Support HDMI1.2 and compatible with HDCP
Resolution	480i 576i 480p 576p 720p 1080i 1920 x 1080p
Transmission Distance	CAT5e/6 cable: 100m/ 328FT(1080p60Hz)
Power	AC: 100-240V 50/60Hz 1.5A Max DC: 12V 1500mA
Consumption	≤2W
Working Humidity	10%-90%
Working Temperature	0°-50°
Storage Temperature	-20°-75°
Dimension (W x D x H)	152×100×27 (mm)
Weight	800g
Warranty	1 year Warranty

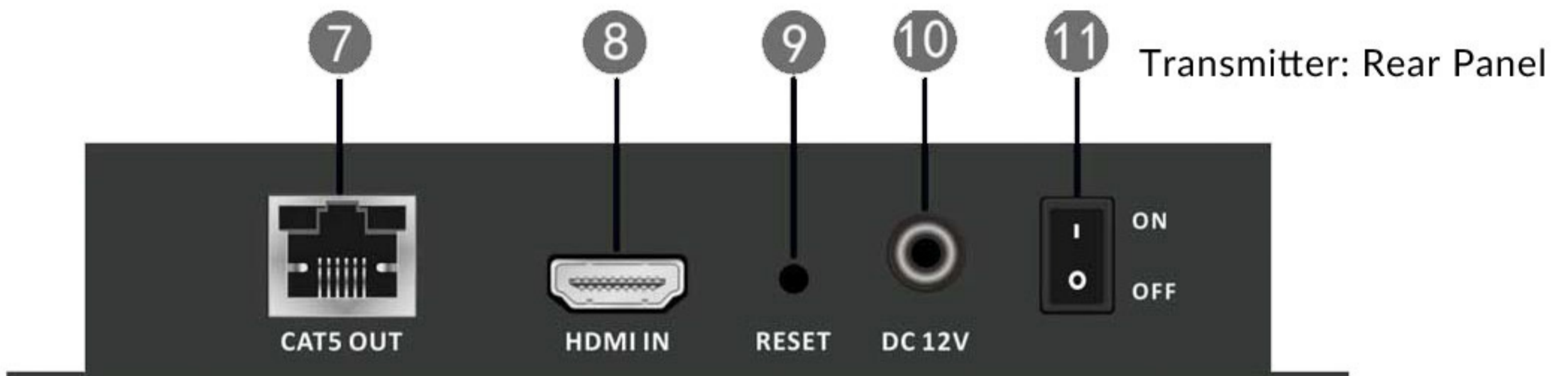
Version Information

Description of version (Document number : HDMI KVM Extender over IP)		
Date	Version number	Description
Dec 2016	V1.01.01	First version

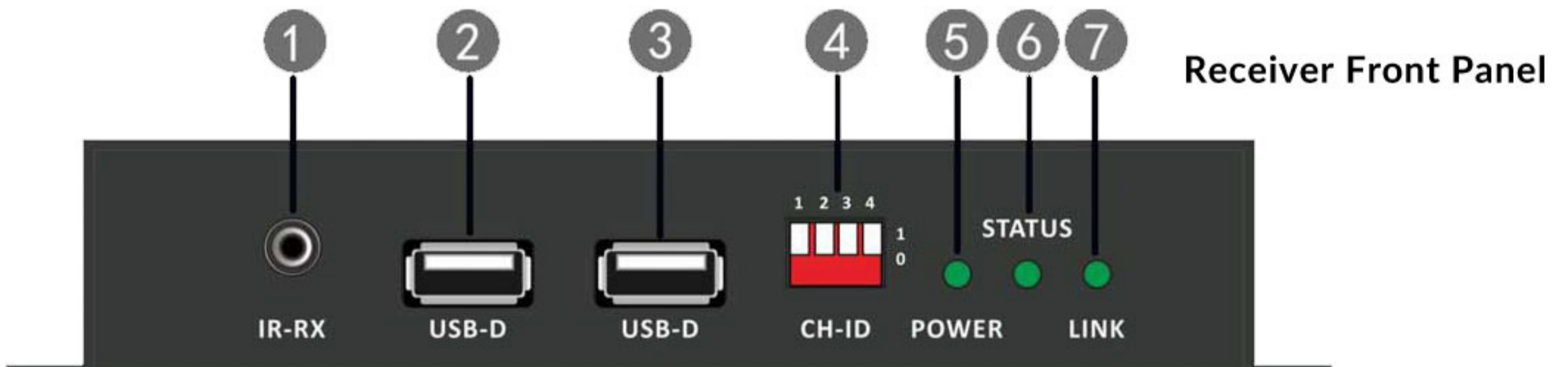
PANELS



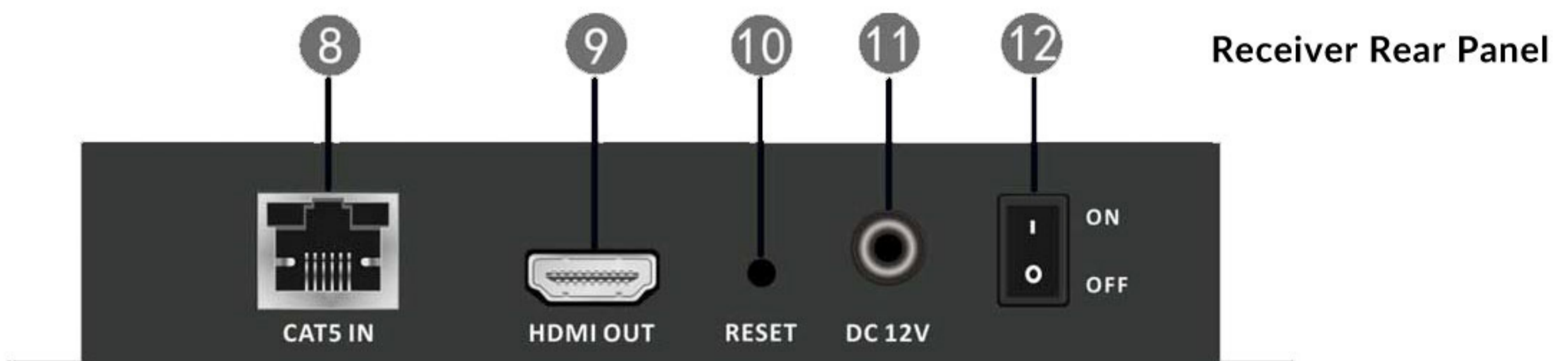
- 1) IR-TX: IR transmitter interface
- 2) USB-H: USB connect port
- 3) CH-ID: Channel DIP switch, to set up the network pairing ID number, the signal can be transmitted only while the IDs are the same. Many to many by the network switch
- 4) POWER: Power indicator
- 5) STATUS: System indicator
- 6) LINK: Connection status indicator



- 7) CAT5 OUT: It can be HDBT for AV transmission or IP interface to change IP address and upgrade
- 8) HDMI IN: HDMI input
- 9) RESET: Rest button, to hold off for 5 seconds to reset default mode
- 10) DC 12V: Power supply DC 12V
- 11) OFF/ON: Power switch



- 1) IR-RX: IR receiver interface
- 2) USB-D: USB port to connect USB mouse or keyboard
- 3) USB-D: USB port to connect USB mouse or keyboard
- 4) CH-ID: Channel DIP switch, to set up the network pairing ID number, the signal can be transmitted only while the IDs are the same. Many to many by the network switch
- 5) POWER: Power indicator
- 6) STATUS: System indicator
- 7) LINK: Connection status indicator



- 8) CAT5 OUT: It can be HDBT for AV transmission or IP interface to change IP address and upgrade
- 9) HDMI IN: HDMI output
- 10) RESET: Rest button, to hold off for 5 seconds to reset default mode
- 11) DC 12V: Power supply DC 12V
- 12) OFF/ON: Power switch