

DP+HDMI+VGA HDBaseT Wallplate Transmitter



Version: V2.01

1. Introduction

It is an HDBaseT Wallplate transmitter, it can support 1*DP, 1*HDMI and 1*VGA+3.5mm audio inputs, 1*HDBaseT(RJ45) output. It also supports the input sources switching by the one-key button, RS232 and touch switcher. Users also can use the online control by the software on PC via RS232 with the RS232 control commands. The resolution can up to 4k@30hz, with the POC(power over cable) function, users can only power on the HDBaseT receiver. It also supports bi-directional RS232. For the transmission distance it can up to 70m at 1080P, and for 4K30Hz it can up to 35m. It's popularly used in the small meeting room, classroom or other long distance transmission applications.

2. Features

- A. Supports DP, HDMI and VGA+3.5mm audio input
- B. Supports 1080P 3D, and up to 4K30
- C. Supports HDCP1.4
- D. Transmission distance: 70m at 1080P, 35m at 4K30 via Cat5e/Cat6
- E. Supports bi-directional RS232 transmission
- F. Supports POC(power over Cable) function
- G. Supports RS232 control with software on PC
- H. Support one-key, RS232 and touch switch or auto switching
- I. LED working indicator

3. Specifications

| Model | WP-70 |
|-----------------------|---|
| Product Name | DP+HDMI+ VGA Wallplate transmitter |
| Input | 1*DP, 1*HDMI, 1*VGA+3.5mm audio |
| Output | 1*HDBaseT(RJ45) |
| Control | Key button, RS232, touch switch, auto switching |
| Transmission distance | 70m at 1080P, 35m at 4K30 via Cat5e/Cat6 |
| Bandwidth | 10.2Gbps |
| Power Supply | DC 24V 1.25A |
| Dimension (WxHxD) | 115*140*40.2mm |
| Weight | 100g |
| Operating Temperature | -10°C to 40°C |
| Storage Temperature | -25°C to 55°C |

4. Packing

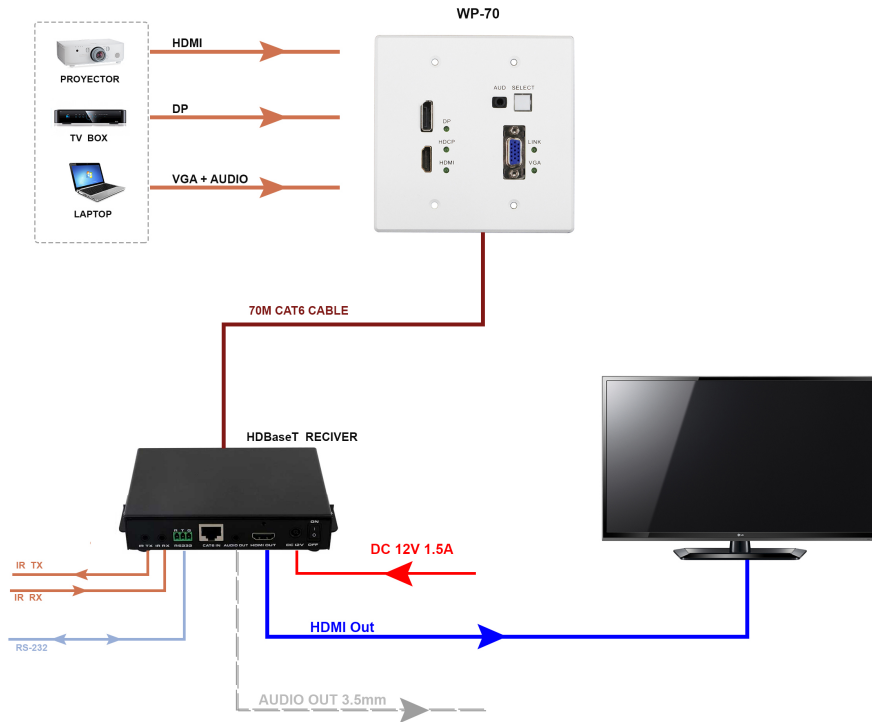
| No. | QTY | Unit |
|-----------------------------------|-----|------|
| DP+HDMI+VGA Wallplate Transmitter | 1 | Pcs |
| Power adapter | 1 | Pcs |
| User Manual | 1 | Pcs |

5. Panel



| No | Name | Functions |
|--------------------------------------|-------------|--|
| Indicator | VGA | VGA signal indicator, flashing means connected, stable light means being selected |
| | HDMI | HDMI signal indicator, flashing means connected, stable light means being selected |
| | DP | DP signal indicator, flashing means connected, stable light means being selected |
| | LINK | Stable light means connected with Receivers successfully |
| Buttons and Signal Interfaces | VGA PORT | Female VGA input port |
| | HDMI PORT | Female HDMI input port |
| | DP PORT | Female DP input port |
| | AUD | 3.5mm audio embedded for VGA input |
| | SELECT | Signals switching between VGA, HDMI and DP |
| Rear Panel | CONTACT | Switch signal and input signals indicator connect ports |
| | POC | Select the POC function |
| | +24V | DC/24V power supply |
| | RS232 | RS232 control connect ports |
| | HDBaseT OUT | RJ-45 HDBaseT output port |

6. Connection diagram



7. Installation supports

This HDBaseT wallplate transmitter can work with the other HDBaseT input cards or the HDBaseT receivers, it can support the POC(power over cable) function. Please help to note the power supply voltage while use it to work with other brands HDBaseT products.