![VitBest logo]

EEWP-VH70-T

70m HDMI+VGA HDBaseT Wallplate Transmitter

User Manual
VER 1.0

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Table of Contents

Introduction

This HDBaseT Wallplate transmitter which supports 1*HDMI and 1*VGA+3.5mm audio inputs over HDBaseT(RJ45) output. It also supports two working modes: manual and auto. The resolution can be up to 4k@30hz, with the POC(power over cable) function, users can power up the unit by powering on the connected HDBaseT receiver.

It can be up to 70m at 1080p60, 35m at 4K30 via STP Cat5e/Cat6. It's popularly used in the small meeting rooms, classroom or other long distance transmission applications.

1. Features

- Supports 1*HDMI and 1*VGA with 1*Audio input and 1*HDBaseT output

- Supports 1080P, 3D, and the highest resolution is up to 4K30

- Supports HDCP 1.4

- Transmission distance: 70m at 1080p60, 35m at 4K30 via Cat5e/Cat6

- Supports internal and external EDID

- Supports POC(power over Cable)

- Supports manual or auto working modes

- UK standard 86x86 single-gang size

2. Specification

Product name	70m HDMI+VGA HDBaseT Wallplate Transmitter
Model number	EEWP-VH70-T
Input	1*HDMI, 1*VGA+3.5mm audio, 1*switch button
Output	1*HDBaseT(RJ45)
Control	Switch button or auto sources detection/switch
Transmission distance	70m at 1080p60, 35m at 4K30 via Cat5e/Cat6
Bandwidth	10.2 Gbps
Power Supply	DC 12V 1.5A
Dimension (WxHxD)	Product back size: 88x88x38mm / 3.46x3.46x1.49inch
Product weight	200g/0.45lb
Operating Temperature	-10℃ to 40℃
Storage Temperature	-25℃ to 55℃

3. Panel description

- POWER: Indicator for the power supply

- LINK: Indicator for the LAN cable connections

- HDMI: Indicator for HDMI source

- VGA: Indicator for VGA source

- Switch Button: For the manually switch

4. Operations

Step 1: Long-press and hold the "Switch" button for about 7 seconds until the VGA indicator flashing, it will enter the EDID setting mode:

Step 2: Select HDMI indicator mode:
   External EDID: After enter the EDID setting mode (VGA indicator is flashing), then press the Switch button once to see the HDMI indicator is solid

   Internal 1080P EDID(PT-FRZ78C): After enter the EDID setting mode (VGA indicator is flashing), then press the Switch button once to see the HDMI indicator is flashing

   Internal 4K30 EDID(IT663x1): After enter the EDID setting mode (VGA indicator is flashing), then press the Switch button once to see the HDMI indicator is OFF.

Step 3: After selected the above HDMI indicator mode, then press and hold the Switch button for about 7 seconds or until the "Switch" button flashing

Select a display to view or change the settings for it.

Display 2: PT-FRZ78C

Display information

PT-FRZ78C
Display 2: Connected to Intel(R) HD Graphics 620

Desktop resolution	1920 × 1200
Active signal resolution	1920 × 1200
Refresh rate (Hz)	59 Hz
Bit depth	8-bit
Color format	RGB
Color space	Standard dynamic range (SDR)

Select a display to view or change the settings for it.

Display 2: IT663x1

Display information

IT663x1
Display 2: Connected to Intel(R) HD Graphics 620

Desktop resolution	3840 × 2160
Active signal resolution	3840 × 2160
Refresh rate (Hz)	29 Hz
Bit depth	8-bit
Color format	RGB
Color space	Standard dynamic range (SDR)