

# Product Specification

All-in-One Video Processor HD-VP410A



### 1. Overview

HD-VP410A is a 3-in-1 video processor, which integrates traditional video processor and 4-way Gigabit network port output. Support 4-channel signal interface input and 1-channel USB interface input, which can be used for hotels, shopping malls, conference rooms, exhibitions, studios and other scenes that need to be played simultaneously. In addition, the device also supports point-to-point input/output, so that the LED display shows a clearer picture.

# 2. Connection Diagram





### 3. Features

### Input

- Support 1\*HDMI, 1\*DVI, 1\*VGA, 1\*CVBS signal input, and it support switch at will.
- 1 channel USB input, support direct playback of videos and pictures in various mainstream formats under the root directory of the U disk, and the maximum support is 1080P HD video playback.
- 1 channel TRS 3.5mm audio input and HDMI audio input.

### Output

- Standard 4-way Gigabit network output, direct cascade receiving card.
- The maximum loading capacity is 2.6 million pixels, the maximum width is 2500 pixels, and the maximum high is 1920 pixels.
- 1 channel TRS 3.5mm audio output.

#### **Function**

- Equipped with Wi-Fi, support mobile APP wireless operate.
- Support brightness setting.
- Preset saving and calling of scenarios, support saving 8 user templates.



# 4. Appearance

### Front panel:



Key Description					
No.	Key	Description			
1	Switch	AC power input switch			
2	LCD screen	Display menu, screen parameters and other information, used for debug device			
3	Turn the knob	Rotate to select, key to confirm			
4	ESC	Escape key / Return key			
5	SCALE	Partial/Full screen toggle button			
6	DVI	Select DVI signal / Play the last U-disk program			
7	VGA	Select VGA signal / Play the next U disk program			
8	CVBS	Select CVBS signal			
9	HDMI	Select HDMI signal / U-disk program pause and play			
10	USB	Select to play U-disk program / U-disk program stops playing			
11	EXT	One-click frozen			



### Rear Panel:



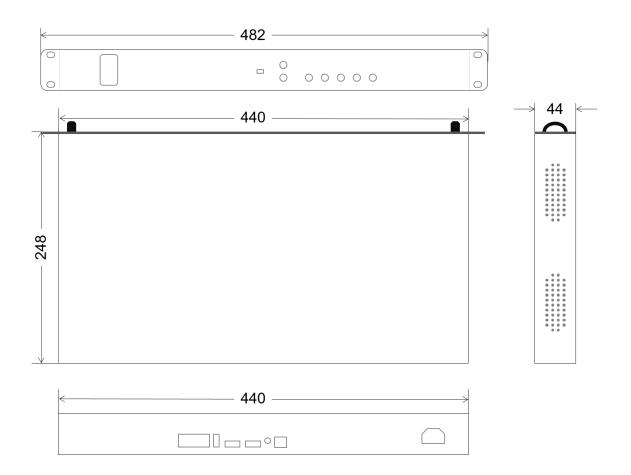
Input interface				
No.	Name	quantity	Description	
	USB	1	USB2.0 input interface	
			Support insert U disk to play video, picture	
			Video file formats: mp4, avi, mpg, mkv, mov, vob and rmvb.	
			Video encoding: MPEG4 (MP4), MPEG_SD/HD, H.264 (AVI, MKV), FLV.	
			Image file formats: jpg, jpeg, png and bmp	
		1	HDMI input interface	
	HDMI		Interface form: HDMI-A	
	HDMI		Signal standard: HDMI 1.3 backward compatible	
			Resolution: VESA standard, ≤1920x1080@60Hz	
2	CVBS	1	Signal standard: PAL/NTSC 1Vpp±3db (0.7V Video+0.3v Sync ) 75 ohm	
2	CVBS		Resolution: 480i,576i	
	DVI	1	Interface form: DVI-I socket	
			Signal standard: DVI1.0	
			Resolution: VESA standard, PC to 1920x1200, HD to 1080p	
	VGA	1	Signal standard: R, G, B, Hsync, Vsync: 0 to1Vpp±3dB (0.7V Video+0.3v	
			Sync)	
			75 ohm black level: 300mV Sync-tip: 0V	
			Resolution: VESA Standard, ≤1920×1080p@60Hz	
3	AUDIO IN	1	TRS 3.5mm audio input	
6	Power	1	AC input interface 100-240V, 50/60Hz	



Output interface						
No.	Name	quantity	Description			
			Gigabit Ethernet port			
1	LAN output	4	Transmission speed 1Gbps, used for cascading receiving cards, transmitting			
			RGB data stream.			
			One Gigabit Ethernet port support loading capacity 655,360 pixels.			
3	AUDIO	1	TRS 3.5mm dual channel audio output port			
	OUT		Connect audio power amplifier for high-power audio external amplifier			

Control interface						
No.	Name	quantity	Description			
4	USB-B	1	Connect to the PC, used for debug LED controller			
5	Wi-Fi	1	Connect to Wi-Fi antenna to enhance wireless signal			

# 5. Dimension





## 6. Basic Parameters

Item	Parameter value
Rated Voltage(V)	AC 100-240V
Working Temperature(°C)	-20°C~55°C
Working Environment Humidity(%RH)	20%RH~90%RH
Storage Environment Humidity (%RH)	10%RH~95%RH

#### Illustrate:

1. Welcome to choose Huidu products. There may be slight differences between the product pictures in the specification and the physical appearance (including the number of holes in the product size chart, etc.), if you have any questions, please contact technical support or salesperson for confirmation.

### Version Description

V3.1: Update known bugs; layout optimization, easier to read.

V3.2: Update the maximum height.