

Specifications

Video Processor VP1800



V2.0 May2018

Official website: www.linsn.com
Add: Floor 15&16, Jiajiahao Business Building, No. 10168, Shennan Blvd,
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Summary:

LINSN VP1800 supports various LED screens in the market, using mature solution, high end video ICs, and 12bit color processing to show colorful and clear image. Using world's leading image process technology, Faroudja, (DCDi to eliminate jagged edges; TNR-reducing noise technology) One processor supports 1.3 million pixels; supports customizing resolution, fade-in/out, picture-in-picture (position and size can be set as your requirements) and capturing parts of full-screen image function.

Functions and features:

- 1) VP1800 has various interfaces: 2 AV ports, 1 VGA port, 1 HDMI port, 1 DVI port;
- 2) VP1800 is a two-in-one video processor with friendly operating interface and provides high quality image;
- 3) Supports PIP, fade in/out function and can be viewed by LCD monitor;
- 4) Supports 10bit/8bit video input;

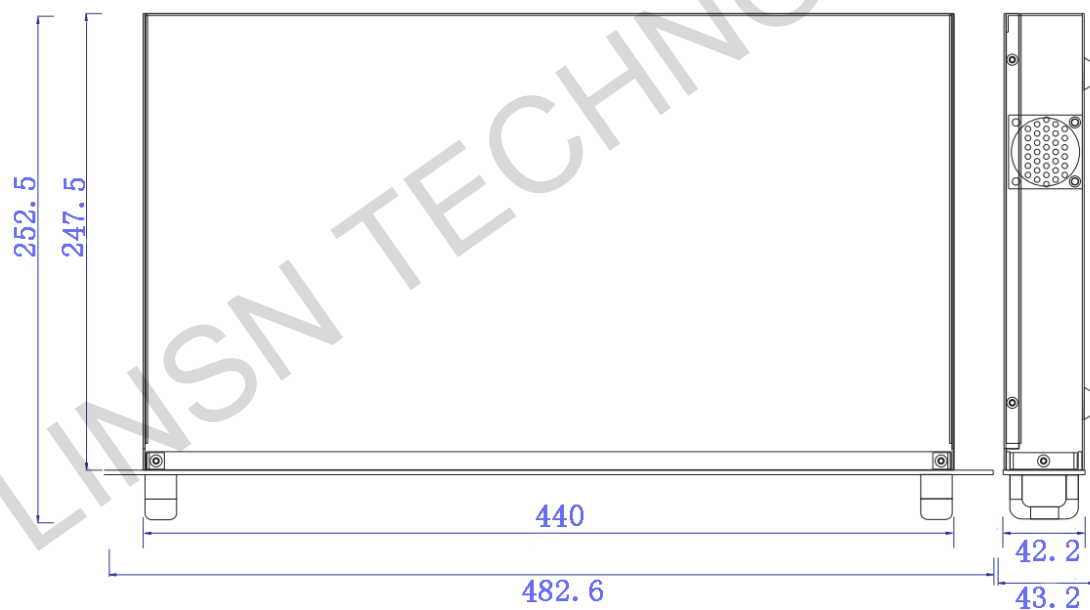
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- 5) Supports 16bit greyscale display;
- 6) Supports customizing resolution, like 3840(max width) x 340, 512 x 1920 (max height), 1280x1024, and 1440x900.

Dimensions: _____



VP1800 Dimensions (Unit: mm)

Introduction:

Front panel



① LCD Monitor

```
Input: HDMI No Signal
Output: 1024x768/60
Model: FULL  BRI: 50
PIP Mode: Off
```

Input: HDMI No signal; input signal.

Output: 1024x768/60; output resolution/frequency.

Model: FULL; output full-screen or part-screen mode.

BRI:50; default brightness is 50.

PIP Mode: close; close/open PIP function.

② Switch for input signal

AV1 AV2 VGA DVI HDMI 5 signal inputs

③ **Rotary:** pressing down to enter or confirm; to select or adjust settings, rotate right to increase brightness; rotate left to reduce brightness.

④ Exit current operation or option

⑤ Six shortcuts for control

PART: shortcut for showing part screen; button will light up when the function is activated.

FULL: shortcut for showing full screen; button will light up when the function is activated.

PIP: on/off button; button will light up if the function is enable and off if the function is off.

CUT: shortcut for switching image.

MODE: quick menu for calling the saved mode.

EFFECT: quick path for switching effect.

Note: Step for rotary: 1/32/128. Depending on the speed of the rotation, you can do fast or slow forward/backward selection.

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Rear panel



Signal Input	
AV1 AV2	Video input interface, BNC interface, coaxial cable
VGA	VGA signal input
DVI	DVI signal input
HDMI	HDMI signal input
Signal Output	
DVI-1	Monitor output signal
VGA	Monitor input signal
Interface for upgrade	
RS232	For controlling and upgrading firmware
Control zone	
U port; D port	One network port supports 655360 pixels
USB interface	For sending and fetching back parameters
Audio in	Audio input(requires multifunction board)
Power	
AC 100-240V 50/60 HZ	AC power connector

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Parameters:

Video format	
AV	PAL/NTSC
VGA	VESA Standard, 1920*1080@60HZ max
DVI	VESA Standard, 1920*1080@60HZ max
HDMI	480i/p 676i/p 720i/p 1080i/p color depth 8/10/12bit

Parameters	
Power supply	AC 100-240V 50/60HZ
Power consumption	18W
Working temperature	-20°C -60°C
Dimensions	482.6x252.5x43.2(mm)
Weight	3.1KG

Note:

PIP Input Source Collision Table

		AV1	AV2	VGA1	DVI1	HDMI
PIP channel	AV1		×	√	√	√
	AV2	×		√	√	√
	VGA1	√	√		√	√
	DVI1	√	√	√		×
	HDMI	√	√	√	×	

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