

VM Dual

Video Monitor



Specification

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Introduction

The VM Dual is a video monitoring device with a compact rack mount design. It is equipped with two independent 7" TFT displays, and supports SDI, HDMI and DVI connectors.

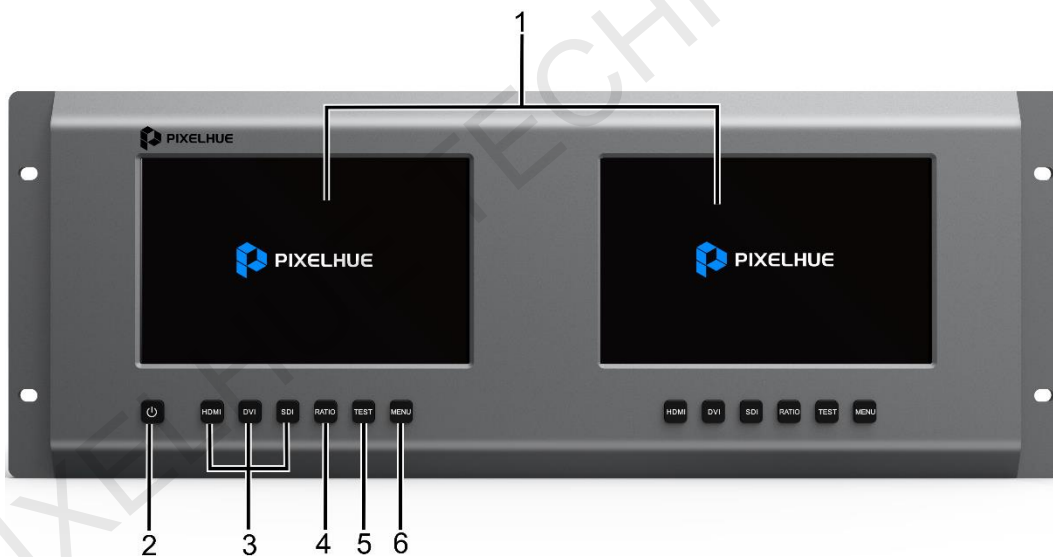
The VM Dual can be installed in flight cases, outside broadcast vans, equipment racks, film editing workshops and other places requiring high quality video monitoring, which is ideal for post-production, broadcasting and on-site monitoring, as well as video input monitoring.

Feature

- Supports multiple signal loop output functions and provides SDI, HDMI and DVI connectors.
- Supports up to 6 × inputs/loop outputs.
- Adopts 2 × 7" TFT HD LCD displays, with the resolution up to 1280×800.
- Supports simple test patterns.
- Supports switching among different aspect ratios (auto fit/16:9/4:3).
- Supports easy input source switching.
- Supports EDID transparent transmission.

Appearance

Front Panel



No.	Item	Description
1	TFT displays	Two 7" screens are used to display the content of the input source currently selected or menu items.
2	Power button	<ul style="list-style-type: none"> • Pressing it powers on the device. • Holding it down powers off the device.
3	Input source buttons	HDMI, DVI and SDI buttons for switching the input source.
4	RATIO	<ul style="list-style-type: none"> • On the video playback screen, pressing the button switches among different aspect ratios (auto fit/16:9/4:3). • On the menu screen, the button may have different functions in different

		submenus.
5	TEST	<ul style="list-style-type: none"> On the video playback screen, pressing the button displays the test patterns. On the menu screen, the button may have different functions in different submenus.
6	MENU	<ul style="list-style-type: none"> On the video playback screen, the button is a menu button. On the menu screen, the button may have different functions in different submenus.

Rear panel

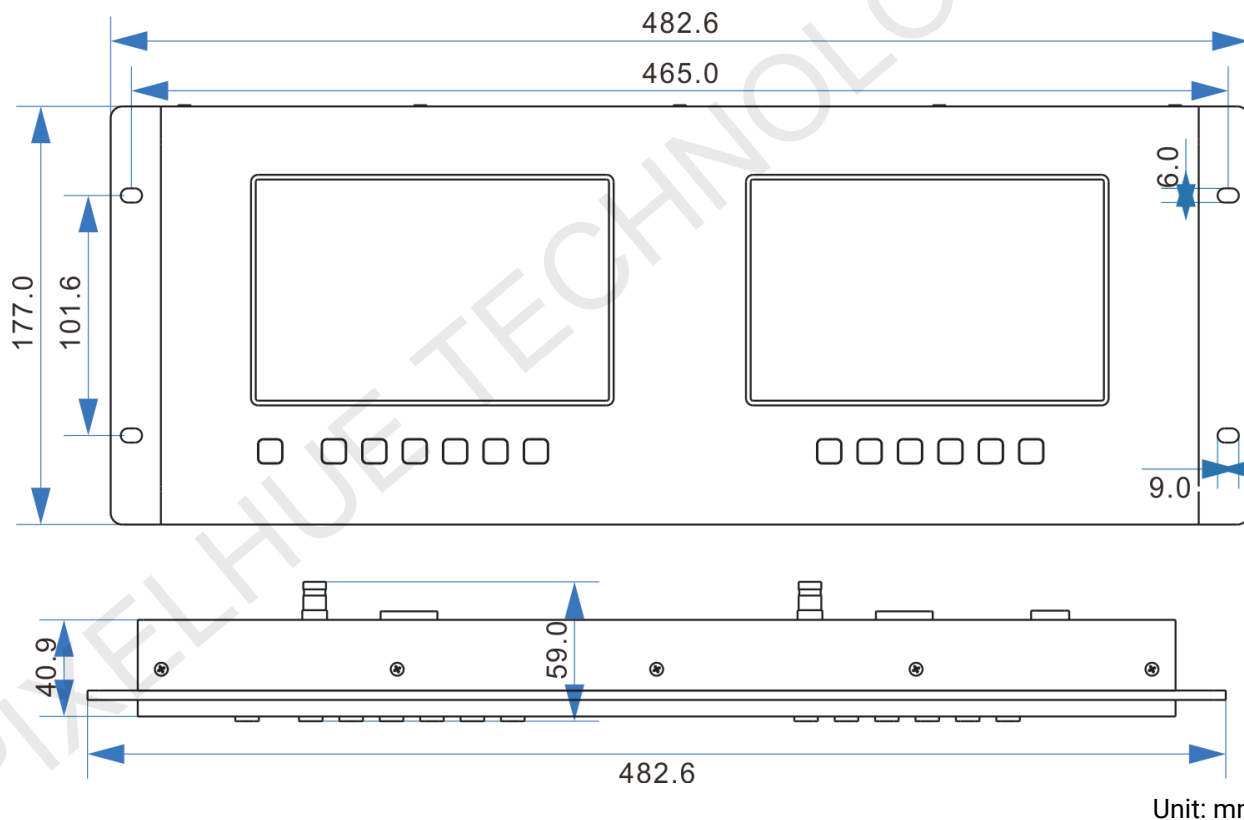


Input		
Connector	Quantity	Description
HDMI IN	2	Each supports input resolution up to 1920×1080@60Hz and downward compatibility.
DVI IN	2	Each supports input resolution up to 1920×1080@60Hz and downward compatibility.
SDI IN	2	Supports 3G-SDI and HD-SDI with the input resolution up to 1920×1080@60Hz, and downward compatibility.
Loop Output		
Connector	Quantity	Connector
HDMI LOOP	2	HDMI loop output
DVI LOOP	2	DVI loop output
SDI LOOP	2	SDI loop output
Control		
Connector	Quantity	Description
ETHERNET	1	Communicates with the upper computer to upgrade the system.
TALLY	1	Identifies the properties of the input source.

Application



Dimensions




Specifications

Overall Specifications		
Electrical specifications	Operating voltage	DC 12 V (outer polarity: negative; inner polarity: positive)
	Max. power consumption	24 W
Input and output	Max. video width	3840
	Max. video height	3840
	Min. video width	800
	Min. video height	600
Operating environment	Operating temperature	0°C–50°C
	Storage temperature	-20°C–60°C
	Operating humidity	10% RH–90% RH
Physical specifications	Dimensions	482.6 mm × 177.0 mm × 41.0 mm
	Net weight	2.90 kg
	Total weight	6.14 kg
Packing information	Carrying case	530mm × 140mm × 370mm
	Accessory box	405mm × 290mm × 48mm 1×Four-plug adapter, 1×DVI cable, 1×HDMI cable, 1× HDMI to DVI cable, and 1× User manual
	Package dimensions	550mm × 400mm × 175mm
Certifications		CE, FCC, IC, RoHS
Noise Level (typical at 25°C/77°F)		55dB(A)

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