Konvision

KRM series Rackmount LCD Monitors

USER MANUAL

V1.0.5

Shenzhen Konvision Technology Co., Ltd

http://www.konvision.com

Contents

Notes

For the safety use of products, please read the following instructions regarding the installation, use and maintenance carefully.

. Please read the product safety and operating instructions carefully before the product is operated.

. Please keep the safety and operating instructions for future reference.

. Please pay strict attention to the warnings and implement the products according to the operating instructions closely.

. All operating instructions should be strictly enforced.

1. Please use the power cord recommended by manufacturer.

2. Please do not place heavy objects on the power cord.

3. Please do not expose the monitors to rain, humid, dusty places.

4. Please do not place vessels with liquid (such as cups, beverage bottles) on the monitor.

5. Please do not place this product in high heat places.

6. Please make sure the earth terminal is good in order to avoid electric shock.

7. Please do not open the back cover to avoid electric shock. Please contact professionals for service need.

8. If the sound turns abnormal, please do not use the monitor for a long time..

9. Do not place this product at unstable places such as cars, shelves or tables, as it is easy to make the product falling down, may cause severely hurt to children and adults and also damage to the product.

10. Please do not touch the power plug with wet hands, as it will cause electric shock.

11. Please do not expose the LCD panel in direct sunlight for a long time, it will result in damage or aging of the LCD panel.

12. Please display this product at a suitable temperature and humidity place.

13. Please do not spray any liquid things and/or add any objects into the monitor, it might cause voltage instability and short-circuit, also can easily cause fires and blackouts.

14. If do not use the device for a long time, please unplug the power cord from the AC outlet.

15. Please keep not less than 5cm space around the vents while using the monitor, in order to obtain good heat dissipation effect.

LCD and OLED Screen Note

The monitor may appear unrecoverable residual images, when it switches to other signals after displaying the same images for a long time, even if the images is in a moving video, such as still LOGO or still characters etc. Please use a screen saver or timer to avoid displaying the same images for a long time.

Safety

Screen Maintenance

Please follow the below guidelines carefully to prevent discoloration, stains and scratches on the screen:

- Avoid striking the screen with any object.
- Do not wipe the screen hard.
- Do not wipe the screen with solvents such as alcohol, thinner or gasoline.
- Do not spray detergent or other cleaners on the monitor or LCD panel, as it may cause fault because of water droplets into the monitor.
- Do not write on the screen.
- Do not paste or stick any viscous markers on the screen.

Screen may be cleaned by gently wiping with lint free cloth to remove dust. For the more difficult cleaning, use lint free cloth that has been very lightly dampened with detergent, then dry any excess moisture from the monitor or LCD panel immediately to prevent damage.

Cabinet Maintenance

Please follow the guidelines below to prevent potential damage.

- Do not wipe the cabinet with solvents such as alcohol, thinner or gasoline.
- Do not use any pesticides and/or other volatile substances.
- Do not allow prolonged contact with rubber or plastic.
- Do not wipe the cabinet hard. Use a soft, lint free cloth to clean. If the cabinet cleaning is more difficult, use lint free cloth that has been very lightly dampened with detergent and then dry it to wipe.

Installation

- Keep adequate air circulation to prevent device internal overheating. Please do not place the product on the surface of some certain objects (such as blankets, carpets, etc.), as these objects may block the vents.
- Please keep the device away from heat generating sources, such as radiator, heaters and air duct, also keep it away from much dust or mechanical vibration place.

Rackmount Installation

- For rack mount installation, please keep 1U space from both top and bottom to make sure adequate air circulation, or install an external electric fan. Please follow the instructions and install with the rack mounts provided by manufacturer.

Transportation

- This monitor is precise equipment and need professional packing materials to transport. So do not to use packing materials provided by suppliers except KONVISION or its authorized packing material suppliers.

When the following situations occur, please turn off the power, do not insert the plug and contact a professional service staff to deal with timely.

A. This product smells smoke and off-flavor.

B. When this product displays abnormal operating conditions, such as there is no picture or sound.

C. When any liquid is splashed into the product or product dropped.

D. When the product soaked or fall into the water.

E. When the product has been damaged or other damage circumstances.

F. When the power cord or plug is damaged.

The following does not belong to failures:

1.   If the static image displayed too long, it will have residual image, which should be attributed to the characteristics of LCD display but not a failure. Residual image will disappear automatically after a period of time.

2.   If this device used in a cold environment, the screen may appear residual image. This is not a product failure, when the monitor temperature changes, screen will return to normal conditions.

3.   LCD screen may appear tiny spots (red, blue or green), this is not a fault, LCD screens are manufactured with high precision technology, and a small number of pixels may not be able to show intermittent.

4.   Screen and cabinet will become warm gradually during operating.

Features

High resolution LCD panel

- LED backlight and high resolution. High contrast, high-speed response and wide viewing angle technology make the monitor can be used under variety of lighting conditions.

Motion-Adaptive Interlace to Progressive

- It converts interlaced video to progressive video by motion detection, reduce the serrated image.

SDI Input

- 3G/HD/SD-SDI video signal can be input through this connector.

HDMI Input

- HDMI signal can be input through this connector.

SDI Loop Out

SDI signal will be looped out and linked to output connector.

Color Temperature

- Different color temperatures can be selected freely

Image Size Setting

- The display mode is switchable among 16:9, 4:3, full screen, 1:1, and the original aspect ratio.

Marker Setting

- Show frame borders, center marker, and safety area, etc.

Scan mode

- Scan mode includes Full Scan, Over Scan, Under Scan. Full scan displays the content of all areas of the input signal. Over scan displays 105% of the area of the input signal.

Under scan displays 95% of the area of the input signal.

Vector scope (UV+PPM)

- Vector UV analysis for color bar signal input.

Time code

- Display SMPTE time code (LTC, VITC1, VITC2) under SDI 1 input, it is used for identifying and synchronizing of video data streams.
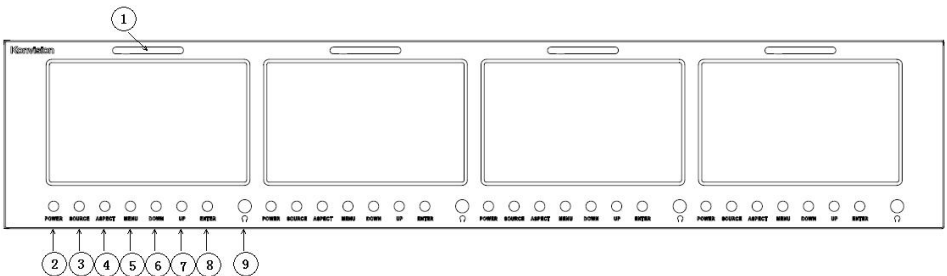
Remote Control Function

- Available to connect to the remote terminal to operate the equipment directly, select the input signal, longitudinal mode settings and tally indicator, etc.
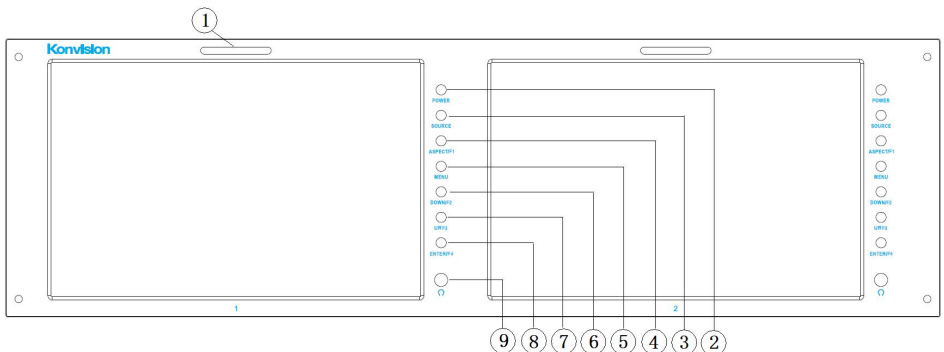
Parts and Functions
A: Front View
KRM-404A Front View:

(Note: same operation for the 4 front panels)

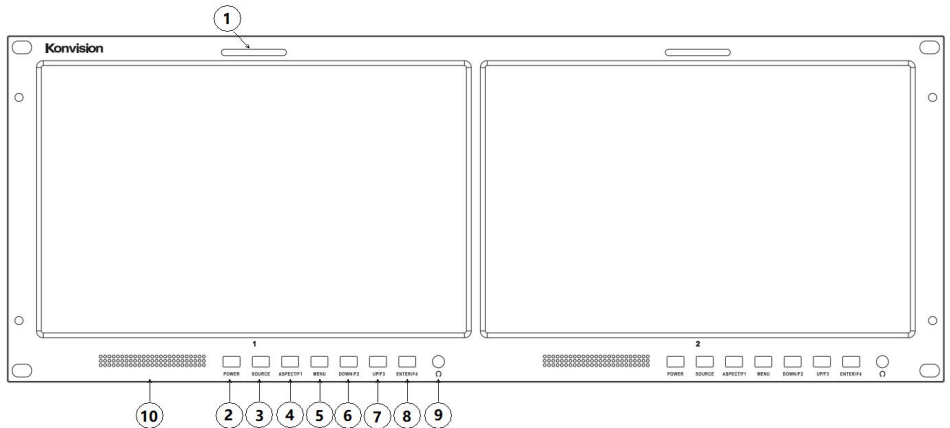KRM-802A Front View:
(Note: same operation for the 2 front panels)

KRM-902A Front View:

(Note: same operation for the 2 front panels)
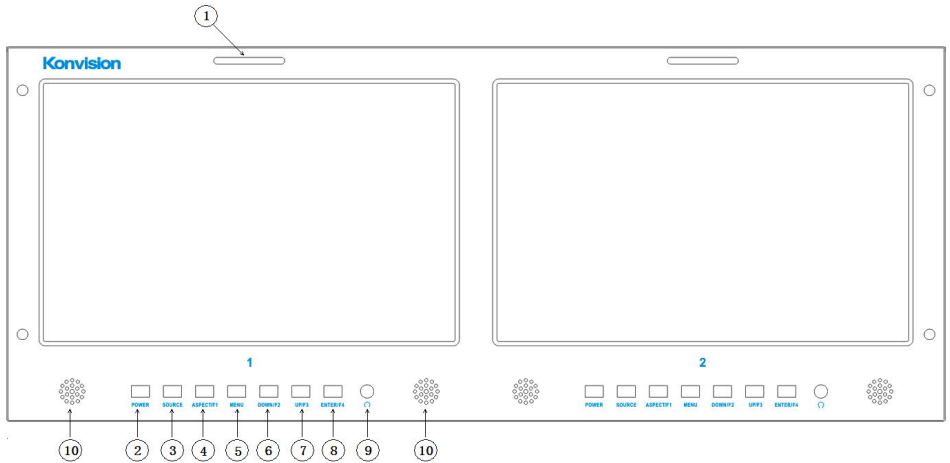
KRM-1002A Front View:

(Note: same operation for the 2 front panels)

KRM-404A, KRM-802A, KRM-902A and KRM-1002A monitor front panel

instructions:

(1)Tally indicator

It is controlled by the tally function of the RS232 port, with two colors red and green.

(2)POWER button and indicator

External power supply, press this button to turn on the monitor, the indicator turns blue. Press the button again to turn the monitor off and the light off.

(3)SOURCE button

Press this button to select the input signal to be displayed.

The following changes will occur to the input signal:

$$SDI \longrightarrow HDMI \longrightarrow VIDEO$$

SDI: Switches the SDI / Video interface to show the SDI signal.

HDMI: Switch the HDMI connector to show HDMI signals.

Video: Switches the SDI / Video interface to show the Video signal.

(4) ASPECT/F1 button

Press this button to select the display ratio.

The following changes will occur in the screen display ratio:

$$AUTO \longrightarrow Full \longrightarrow 1:1 \longrightarrow 16:9 \longrightarrow 4:3$$
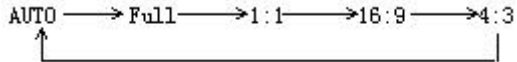
Auto: The screen display scale is displayed in the original scale.

Full Screen Display: The screen display ratio is displayed in full screen.

16：9：The screen display ratio is displayed as 16: 9.

1：1：The screen display ratio is displayed as 1: 1.

4：3：The screen display ratio is displayed as 4: 3.

When the ASPECT button is set to another function button, it can be set in the menu options.

(5)MENU button

Press to display the on-screen menu, and press the button again to exit the on-screen menu.

During menu operation, press the MENU button to return to the previous menu.

(6)DOWN/F2 button

When in the menu, press this button to select the operation down.

When not in the menu, press the DOWN button to achieve other function keys, the function keys can be set in the menu options.

(7)UP/F3 button

While in the menu, press this button to select the up operation.

When not in the menu, press the UP button to achieve other function keys, the function keys can be set in the menu options.

(8)ENTER/F4 button

Press to select the OK operation.

While the menu is operating, press the ENTER button to enter the next menu or to confirm the selected parameter.

When not in the menu, press the ENTER key to achieve other function keys, the function keys can be set in the menu options.

(9)Headset

Headphone jack output.

(10)Speaker

Speaker output.

KRM-503A monitor front view:
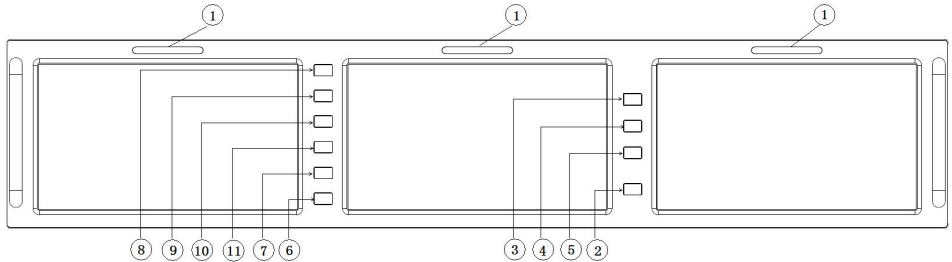
KRM-503A monitor front panel description:

(1)Tally light

Red and green Tally lamps can be controlled via Ethernet, serial port, GPI.

(2)POWER button and lights

External power supply, press this button to turn on the monitor, the indicator turns blue. Press the button again to turn the monitor off and the light off.

(3)MONITOR1 button and indicator

When press the MONITOR1 button, the indicator turns blue. Meanwhile, the monitor 1 can operate buttons such as MENU, UP / F1, DOWN / F2, ENTER / F3, ASPECT /

F4, SOURCE and POWER.

(4)MONITOR2 button and indicator

When you press the MONITOR2 button, the indicator turns blue. At this time, Monitor 2 can operate buttons such as MENU, UP / F1, DOWN / F2, ENTER / F3, ASPECT / F4, SOURCE and POWER.
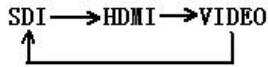
(5)MONITOR3 button and indicator

When you press the MONITOR3 button, the indicator turns blue. At this time, the monitor 3 can operate buttons such as MENU, UP / F1, DOWN / F2, ENTER / F3, ASPECT / F4, SOURCE and POWER.

(6)SOURCE button

Press this button to select the input signal to be displayed.

The following changes will occur to the input signal:

$$SDI \longrightarrow HDMI \longrightarrow VIDEO$$

SDI: Switches the SDI / Video interface to show the SDI signal.

HDMI: Switch the HDMI connector to show HDMI signals.

Video: Switches the SDI / Video interface to show the Video signal.

(7) ASPECT/F4 button

Press this button to select the display ratio.

The following changes will occur in the screen display ratio:

$$AUTO \longrightarrow Full \longrightarrow 1:1 \longrightarrow 16:9 \longrightarrow 4:3$$
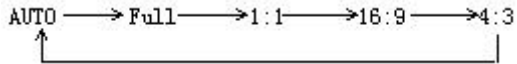
Auto: The screen display scale is displayed in the original scale.

Full Screen Display: The screen display ratio is displayed in full screen.

16: 9: The screen display ratio is displayed as 16: 9.

1: 1: The screen display ratio is displayed as 1: 1.

4: 3: The screen display ratio is displayed as 4: 3.

When the ASPECT button is set to another function button, it can be set in the menu options.

(8)MENU button

Press to display the on-screen menu, and press the button again to exit the on-screen menu.

During menu operation, press the MENU button to return to the previous menu.

(9)UP/F1 button

While in the menu, press this button to select the up operation.

When not in the menu, press the UP button to achieve other function keys, the function keys can be set in the menu options.

(10)DOWN/F2 button

When in the menu, press this button to select the operation down.

When not in the menu, press the DOWN button to achieve other function keys, the function keys can be set in the menu options.

(11)ENTER/F3 button

Press to select the OK operation.

While the menu is operating, press the ENTER button to enter the next menu or to confirm the selected parameter.

When not in the menu, press the ENTER key to achieve other function keys, the function keys can be set in the menu options.

KRM-702A Front View:

(Note: same operation for the 2 front panels)
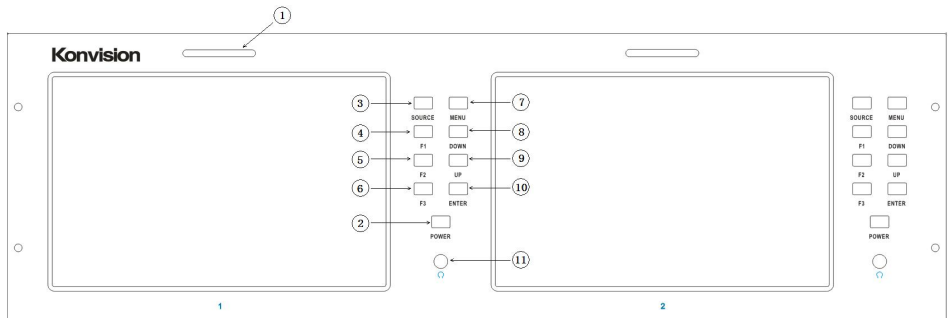
KRM-702A monitor front panel instructions:

(1)Tally indicator

It is controlled by the tally function of the RS232 port, with two colors red and green.
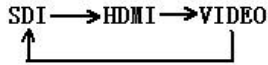
(2)POWER button and indicator

External power supply, press this button to turn on the monitor, the indicator turns blue. Press the button again to turn the monitor off and the light off.

(3)SOURCE button

Press this button to select the input signal to be displayed.

The following changes will occur to the input signal:

$$SDI \longrightarrow HDMI \longrightarrow VIDEO$$

SDI: Switches the SDI / Video interface to show the SDI signal.

HDMI: Switch the HDMI connector to show HDMI signals.

Video: Switches the SDI / Video interface to show the Video signal.

(4)F1 button

Function key F1, press main menu Function key to set.

(5)F2 button

Function key F2, press main menu Function key to set.

(6)F3 button

Function key F3, press main menu Function key to set.

(7)MENU button

Press to display the on-screen menu, and press the button again to exit the on-screen menu.

During menu operation, press the MENU button to return to the previous menu.

(8)DOWN button

When in the menu, press this button to select the operation down.

(9)UP button

When in the menu, press this button to select the operation up.

(10)ENTER/F4 button

Press to select the OK operation.

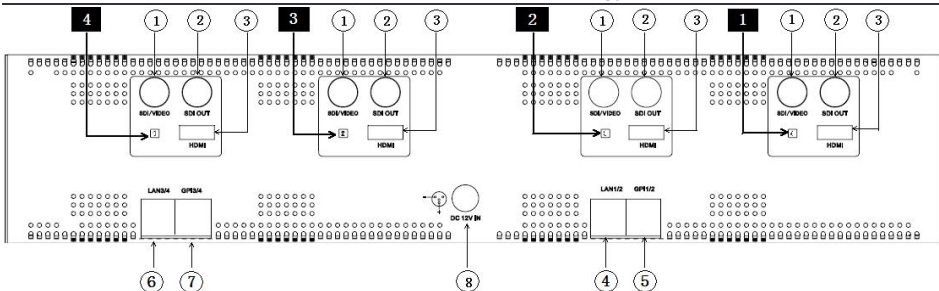While the menu is operating, press the ENTER button to enter the next menu or to confirm the selected parameter.

(9)Headset

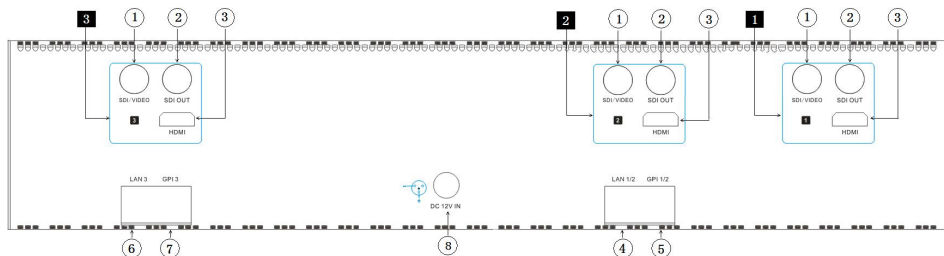Headphone jack output.

B: Rear view

KRM-404A rear view:

(Note: 1, 2, 3, 4 each interface part corresponds to a screen)
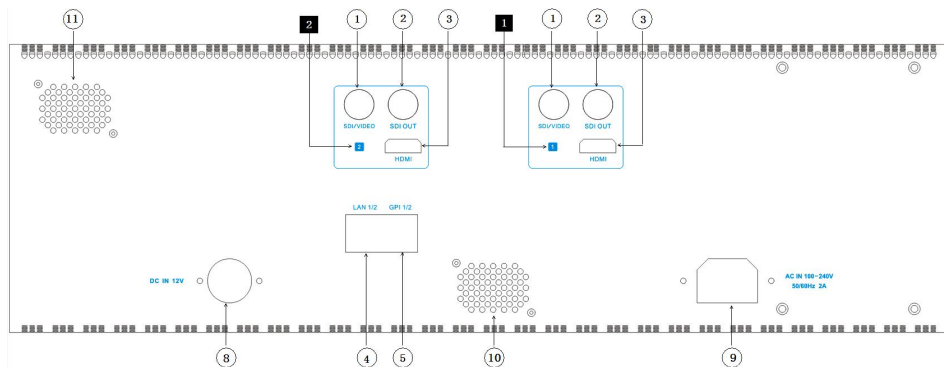
KRM-503A rear view:

(Note: 1, 2, 3 each interface part corresponds to a screen)
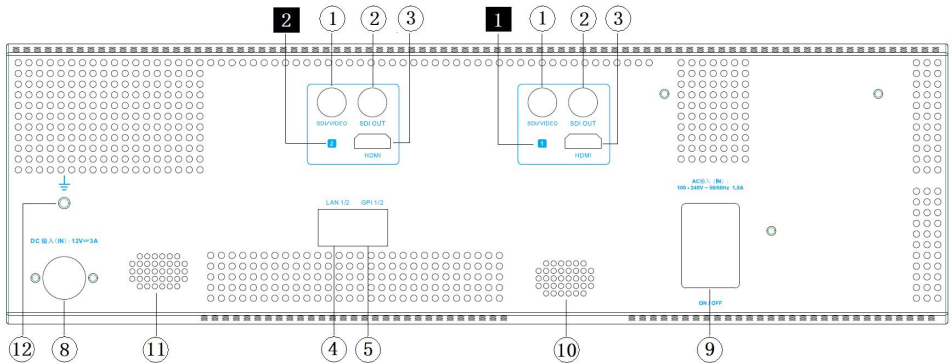

KRM-702A rear view:

(Note: 1, 2 each interface part corresponds to a screen)

KRM-802A rear view:

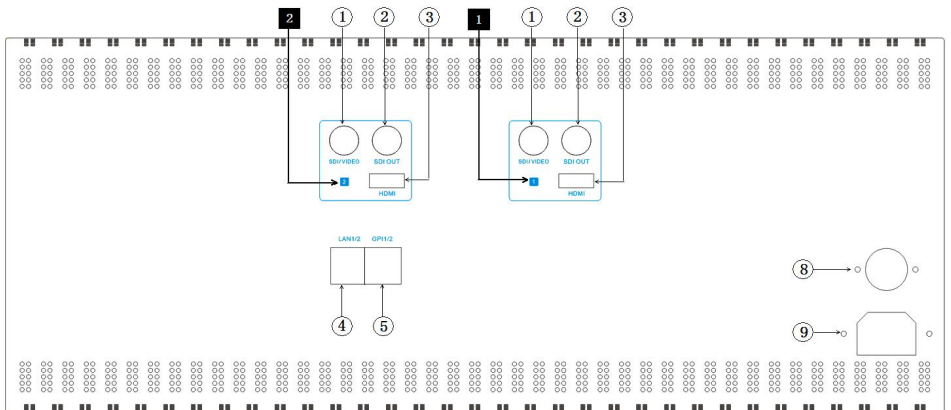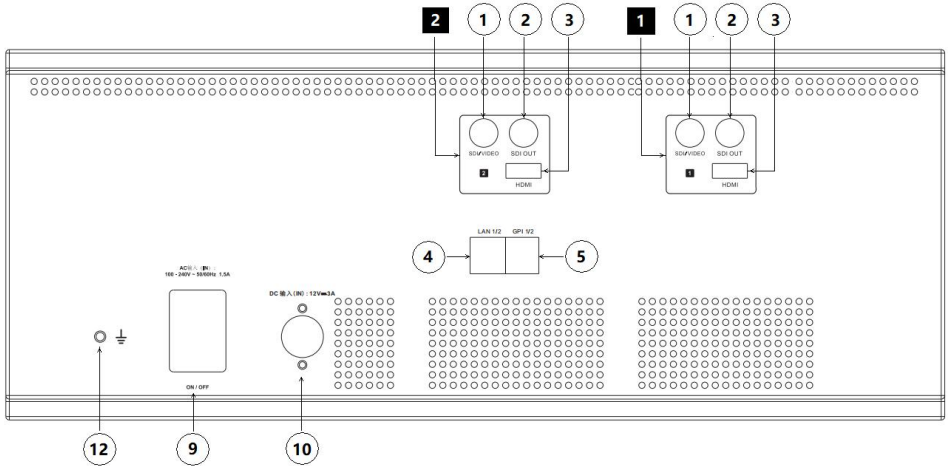(Note: 1, 2 each interface part corresponds to a screen)

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KRM-902A rear view:

(Note: 1, 2 each interface part corresponds to a screen)

Rear view of monitor description:

(1) SDI/Video input terminal

SDI/Video input terminal can be used to input SDI signal or Video signal for monitoring.

(2) SDI OUT terminal

SDI OUT terminal can output the input SDI signal to other devices.
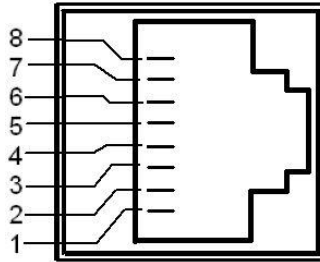
(3) HDMI input

HDMI input interface used to input HDMI signal for monitoring.

(4) LAN1/2

Ethernet interface for network remote control. Through this interface, you can control the operation of screen 1 and screen 2 at the same time. You can also upgrade screen 1 and screen 2 programs.

(5) GPI1/2

GPI interface:

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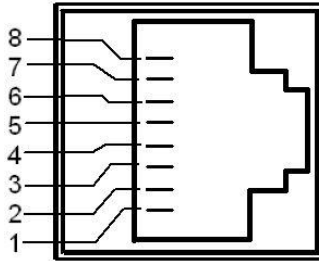| Pin	Function	Control panel	Description
Pin 1	GPI0	Panel 1	Screen 1 corresponds to GPI0, when this pin is connected with GND, GPI0 works, GPI0 function can be set in menu GPI option.
Pin 2	GPI1	Panel 1	Screen 1 corresponds to GPI1, when this pin is connected with GND, GPI1 works, GPI1 function can be set in menu GPI option.
Pin 3	GPI0	Panel 2	Screen 2 corresponds to GPI0, when this pin is connected with GND, GPI0 works, GPI0 function can be set in menu GPI option.
Pin 4	TX	Panel 1 & 2	Screen 1 and 2 of the RS232 interface TX, through the RS232 interface, control the first and the second screen UMD
Pin 5	RX	Panel 1 & 2	Screen 1 and 2 of the RS232 interface TX, through the RS232 interface, control the first and the second screen UMD
Pin 6	GPI1	Panel 2	Screen 2 corresponds to GPI1, when this pin is connected with GND, GPI1 works, GPI1 function can be set in menu GPI option.
Pin 7	NC		Not connect
Pin 8	GND		Ground

(6) LAN3/4

Ethernet interface for network remote control. Through this interface, you can control the operation of screen 3 and screen 4 at the same time. You can also

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upgrade screen 3 and screen 4 programs.

(7) GPI3/4

GPI interface:

Pin	Function	Control panel	Description
Pin 1	GPI0	Panel 3	Screen 3 corresponds to GPI0, when this pin is connected with GND, GPI0 works, GPI0 function can be set in menu GPI option.
Pin 2	GPI1	Panel 3	Screen 3 corresponds to GPI1, when this pin is connected with GND, GPI1 works, GPI1 function can be set in menu GPI option.
Pin 3	GPI0	Panel 4	Screen 4 corresponds to GPI0, when this pin is connected with GND, GPI0 works, GPI0 function can be set in menu GPI option.
Pin 4	TX	Panel 3 & 4	Screen 3 and 4 of the RS232 interface TX, through the RS232 interface, control the first and the second screen UMD
Pin 5	RX	Panel 3 & 4	Screen 3 and 4 of the RS232 interface TX, through the RS232 interface, control the first and the second screen UMD
Pin 6	GPI1	Panel 4	Screen 4 corresponds to GPI1, when this pin is connected with GND, GPI1 works, GPI1 function can be set in menu GPI option.
Pin 7	NC		Not connect
Pin 8	GND		Ground

(8) DC 12V IN

12V DC power supply input interface
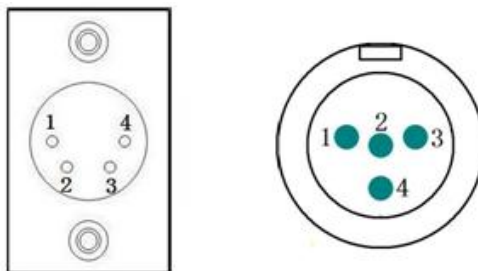

```
Pin 1:GND
Pin 2:NC(No connect)
Pin 3:NC(No connect)
Pin 4:12V
```

The interface pins are defined as:

Pin 1: GND

Pin 2: NC

Pin 3: NC

Pin 4: +12V

(9) AC interface

For AC power input connection.

(10) Speaker

KRM-702A, KRM-802A Monitor Speaker 1.

(11) Speaker

KRM-702A, KRM-802A Monitor Speaker 2.

(12) Electric Potential Balance Hole

Shell grounding electric potential balance hole

Menu Operation Section

Menu Operation:

Press MENU to enter the main menu, then press UP or DOWN to switch between options in the same menu. Press ENTER to enter the next menu, and then press UP or DOWN to find the corresponding parameter, press ENTER, then press UP or DOWN to adjust the parameter's value. After the parameter is set, press MENU to return To the

previous menu. Then use a similar method to set the remaining parameters. In summary, the following keys ENTER, MENU, UP, and DOWN are frequently used when setting parameters. The role of the buttons are:

ENTER: to enter the next menu

MENU: Return to the previous menu

UP and DOWN button: in the same menu, switch the options; or adjust the value of the parameter.

Menu Item Description

1. Main menu:

The main menu of the screen contains the following items:

Main menu	Menu item
Status	1
Picture	1
Img.Adj	1
Colour	1
Audio	1
Marker Setting	1
IMD	1
Scope	1
Setup	1
GPI&FUncKey	1

2. Sub Menu:

Status:

Status	
Menu item	Description
Source	Current window input signal
Format	Current window input signal format
Color Temp	Current color temperature
Image Size	The image size of the current window input signal
Scan Mode	The scan mode of the current window input signal
Model	Type version of the current monitor software
Firmware	The firmware version of the current monitor
McuSoftware	Software version of Mcu burning in the current monitor
DspSoftware	Software version of FPGA burning in the current monitor

Picture Setting:

Main Menu	Picture	
Status	> Brightness	50
Picture	> Contrast	50
Img.Adj	> Sharpness	50
Colour	> Colour	50
Audio	> Hue	50
Marker Setting	>	
IMD	>	
Scope	>	
Setup	>	
GPI&FuncKey	>	

Picture		
Menu item	Setting	Description
Brightness	0－100	Brightness Adjustment
Contrast	0－100	Contrast Adjustment
Sharpness	0－100	Sharpness Adjustment
Colour	0－100	Saturation Adjustment
Hue	0－100	Color Adjustment

Img.Adj:

Main Menu	Img.Adj	
Status	> Image Size	AUTO
Picture	> Scan Mode	100% Scan
Img.Adj	> CTI	Off
Colour	> Gray Mode	Off
Audio	> Blue Mode	Off
Marker Setting	>	
IMD	>	
Scope	>	
Setup	>	
GPI&FuncKey	>	

Img.Adj		
Menu item	Setting	Description

Image Size	FILL ASPECT	original ratio of the signal source
	Full Screen	Full screen image
	1: 1	At 1:1 pixel-to-pixel display. It is invalid in PIP sub-screen and PBP mode.
	16: 9	16:9 aspect ratio
	4: 3	4:3 aspect ratio
Scan Mode	100% Scan Over Scan 5% Under Scan 5%	100% Image display 95% Image display 105% image display
CTI	On Off	Turn on Color Transient Improvement, a better color transition Turn off Color Transient Improvement
Gray Mode	On Off	Monochrome mode with black and white image
Blue Mode	On Off	Display in Blue only

Colour:

Colour		
Sub menu items	Setting	Description

Color space (KRM-404 no such option)	Do not choose REC 709	Color space choice Bypass Color space choice REC 709
Colour Temp	3200K 5600K 6500K 9300K Customize	Color temperature has 4 kinds of fixed options（3200K，5600K，6500K，9300K） and a custom choice.
Colour custom	Red gain 0－255 Green gain 0－255 Blue gain 0－255	When adjusting the red, green, blue gain options, the "Custom" option for color temperature is automatically saved.
Colour adjust (KRM-404A does not have this option）	Yes No	Whether to choose color adjust

Audio:

Audio		
Sub Menu Items	Setting	Description
Volume	0－100	Speaker volume adjustment
Audio Level	On Off	Turn on audio meter display Turn off audio meter display
Audio Out channel	CH1&CH2 CH3&CH4	Select SDI audio CH1 and CH2 channel output Select SDI audio CH3 and CH4 channel output

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	CH5&CH6	Select SDI audio CH5 and CH6 channel output
	CH7&CH8	Select SDI audio CH7 and CH8 channel output
Display mode	Vertical display	Audio meters vertically displayed
	Horizontal display	Audio meters horizontally displayed

Marker Setting:

Marker Setting		
Sub Menu Items	Setting	Description
Marker Enable	ON	All markers on
	OFF	All markers off
Marker Select	OFF	NO marker display
	4:3	Marker display 4:3
	16:9	Marker display 16:9
	15:9	Marker display 15:9
	14:9	Marker display 14:9
	13:9	Marker display 13:9
	1.85:1	Marker display 1.85:1
	2.35:1	Marker display 2.35:1
Target Marker	ON	Turn on target marker

	OFF	Turn on center mark
	USER	Turn on user target tag
Safety Area	OFF	No Safety Area display
	80%	80% Safety Area display
	85%	85% Safety Area display
	88%	88% Safety Area display
	90%	90% Safety Area display
	93%	93% Safety Area display
Marker Level	White	Maker line is white
	Gray	Marker line is gray
	Dark	Marker line is dark
Marker Mat	OFF	Turn off Fill up the background beyond marker
	Transparency	Background beyond marker transparent
	Half	Background beyond marker filled up with gray
	Black	filled up with black

IMD:

IMD		
Sub Menu Items	Setting	Description
UMD Display	ON	Turn on/off the UMD display
	OFF	
UMD ID	0-255	UMD ID can be set any value from 0-255.

UMD Char	xxxxxxxx	Static UMD display, UMD characters can be manually set. UMD characters can be arbitrarily set in 8 "xxxxxxxx". The setting process: Select the option to the UMD character option, press the ENTER key, select the first UMD character to be adjusted, the character to be adjusted will turn yellow, press the DOWN key or the UP key to select the desired character, After selecting, press the MENU button to exit to set the first UMD character. Similarly, set the rest of the characters.
UMD Color	Red	UMD Character color set to red
	Blue	UMD Character color set to blue
	Green	UMD Character color set to green
	White	UMD Character color set to white
UMD position	Bottom Right	UMD display at Bottom Right
	Top Center	UMD display at Top Center
	Bottom Center	UMD display at Bottom Center
UMD	TSL 3.1	Select TSL3.1
	TSL 4.0	Select TSL4.0
OSD Tally Mode	OFF	Turn off OSD Tally Mode
	RG	OSD Tally select RG mode
	GR	OSD Tally select GR mode
	RGY	OSD Tally select RGY mode
Led Tally	ON	Turn on/off the LED Tally
	OFF	
Tally Source	GPI	Select GPI control
	TSL	Select TSL protocol control

Scope:

Scope (only for SDI signal)		
Sub Menu Items	Setting	Description
Luma Mode	On	Turn on the Y brightness waveform
	Off	Turn off the Y brightness waveform
Waveform Alarm	84%-100%	Waveform alarm can be set at any percentage between 84%-100%, it will alarm when measured waveform reach or exceed the value you set and mark them with red
Waveform Scale	Digital	Display in digital
	IRE	Display in percentage of luminance
Vector	ON	Turn on/off vector
	OFF	
Vector Scale	100%	Vector 100% display
	75%	Vector zoom out to 75% display
TC Mode	Off	Turn Off TC Mode
	LTC	Time code display as LTC mode
	VITC1	Time code display as VITC1
	VITC2	Time code display as VITC2

Setup:

Setup		
Sub Menu Items	Setting	Description
Language	Chinese English	Select Chinese/English in menu
Menu Timeout	Normally open 20s 40s 60s	Setting menu display time
Menu H Position	0-100	Menu horizontal position adjustment
Menu V Position	0-100	Menu vertical position adjustment
Source Display	Off On	Turn off Source Display Turn on Source Display
Source Char	xxxxx	Source names can be customized The source name can be set freely in 5 "xxxxx". The setting process: Select the option to the source name character options, press the ENTER key, select the first source name to adjust the characters to be adjusted characters will turn yellow, then press the DOWN key or the UP key to select The

		desired character, select a good, press the MENU button, you can exit to set the first source name. Similarly, set the rest of the characters.
Factory Reset	Yes No	Factory reset

GPI&FuncKey:
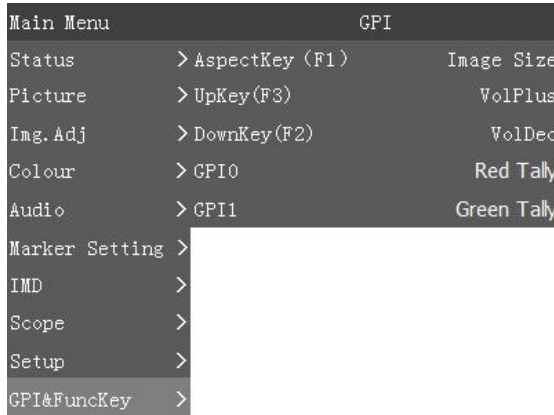
GPI		
Sub Menu Items	Setting	Description
AspectKey（F1）	Image size Brightness Vector TC code mode Audio table display Marker Color temp	ASPECT button can be customized into other function keys: ASPECT, brightness, vector, TC code mode, audio table display, Marker , color temperature
UpKey(F3)	VolPlus Brightness Vector TC code mode Audio table display Markers	Up button can be customized into other function keys: ASPECT, brightness, vector, TC code mode, audio table display, Markers, color temperature

	Color temp	
DownKey(F2)	VolDown Brightness Vector TC code mode Audio table display Markers Color temp	DOWN button can be customized into other function keys: ASPECT, brightness, vector, TC code mode, audio table display, Markers, color temperature
GPI0	Red Tally Green Tally SDI HDMI VIDEO	GPI0 button can be customized into other function keys: Red Tally、Green Tally、SDI、HDMI 、 VIDEO, When GPI0 is grounded, control Tally or switch Source
GPI1	Red Tally Green Tally SDI HDMI VIDEO	GPI1 button can be customized into other function keys: Red Tally, Green Tally, SDI, HDMI, VIDEO, When GPI0 is grounded, control Tally or switch Source

Factory Reset

This function is to reset the monitor to factory preset.

Please try to reset the monitor, when the following situations occur:

1. The monitor parameters are adjusted incorrect by user.

2. The monitor picture or sound is abnormal, and not due to hardware problem.

To do factory reset, please follow the below five steps:

1. Press MENU button to enter main menu.

2. Turn VOLUME knob to item Setup and select it.

3. Turn IMAGE ADJ knob to Factory Reset and select it.

4. The screen will refresh after following the instruction of turning the VOLUME knob.

5. Power off the monitor, and must wait for at least 5 seconds, then restart the monitor.

The monitor resets to factory preset.

Product Structure Specification

KRM-404A monitor dimension:
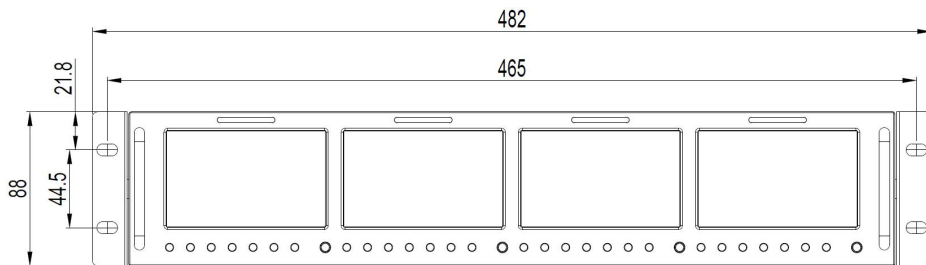
Front view (mm)
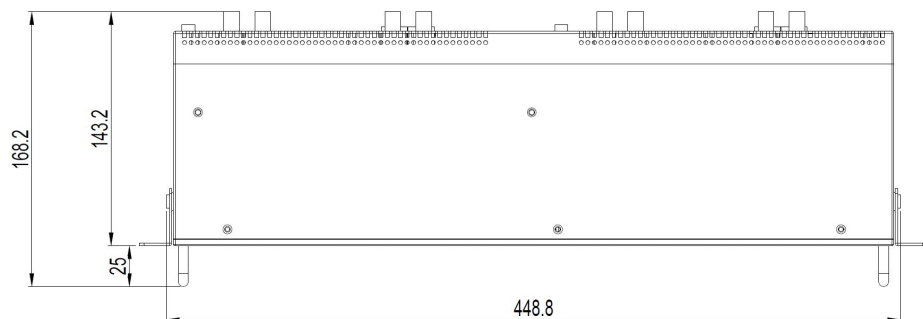
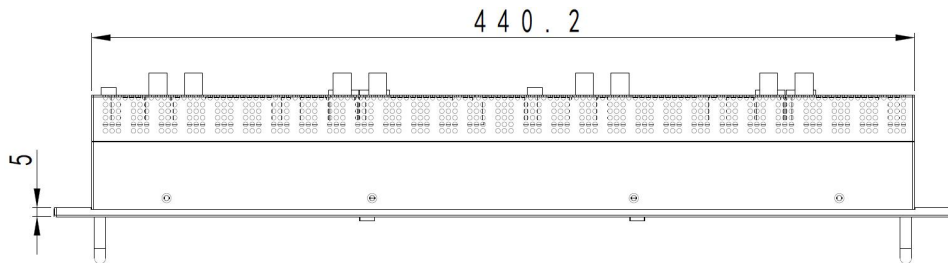## Top view (mm)
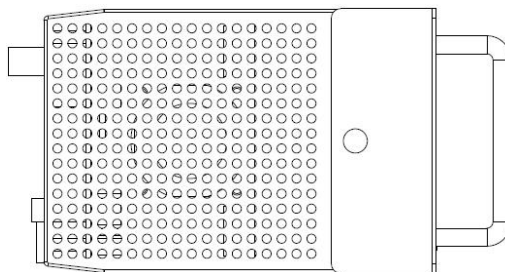
Side view (mm)
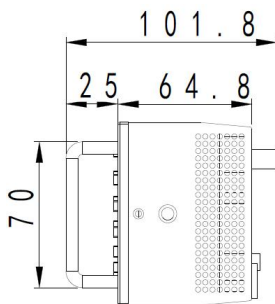
KRM-503A monitor dimension:
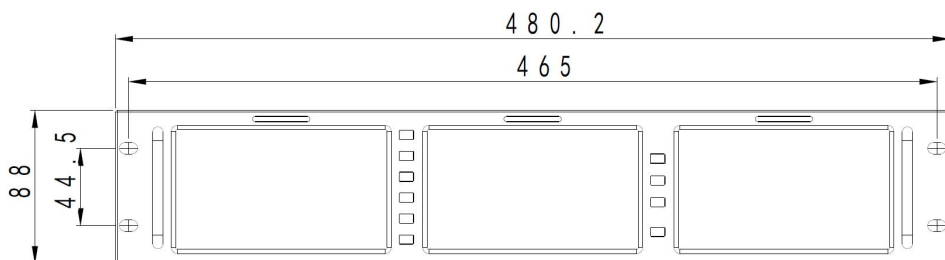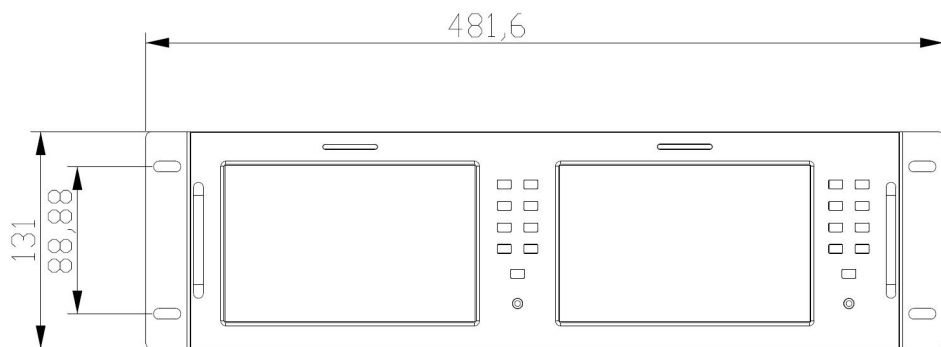
Front view (mm)

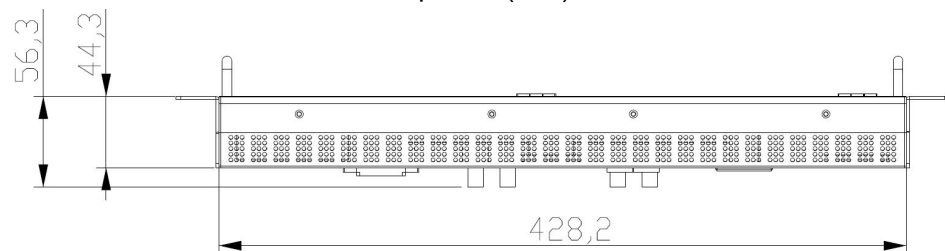

Top view (mm)

Side view (mm)
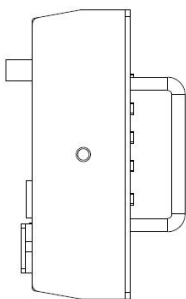
KRM-702A monitor dimension:
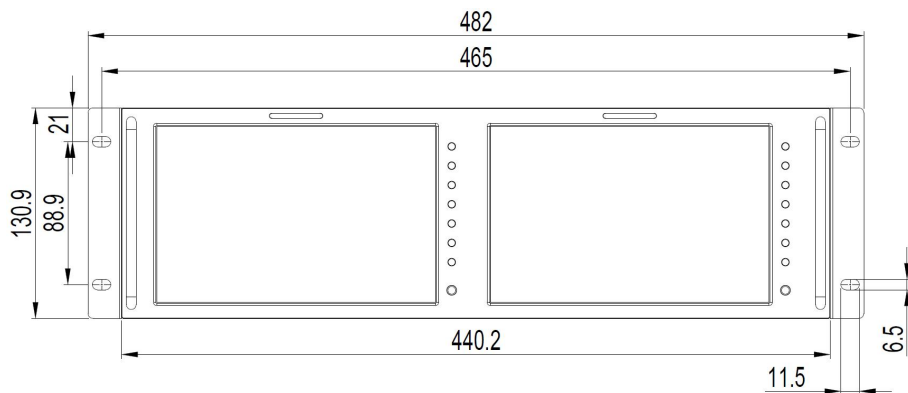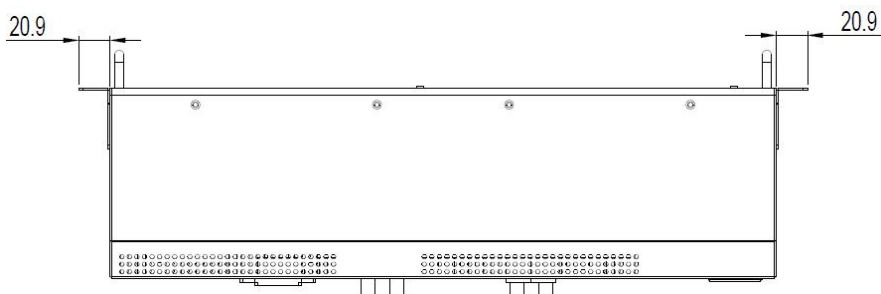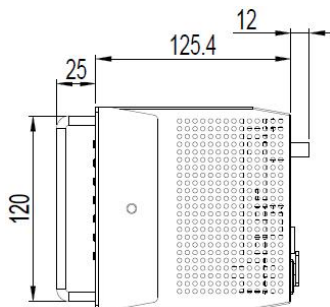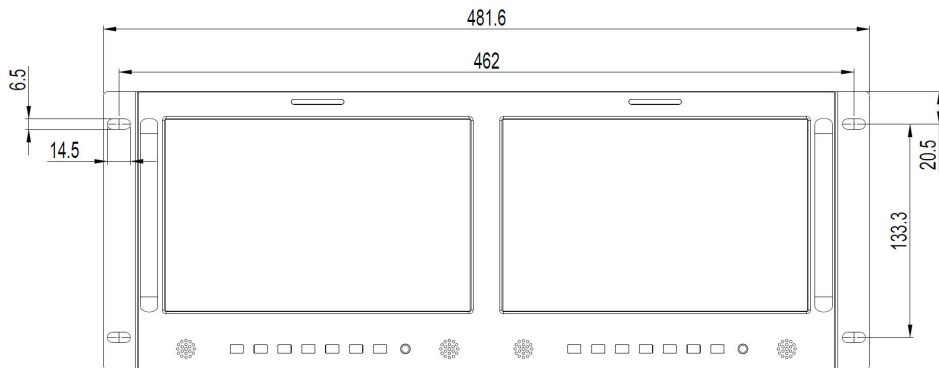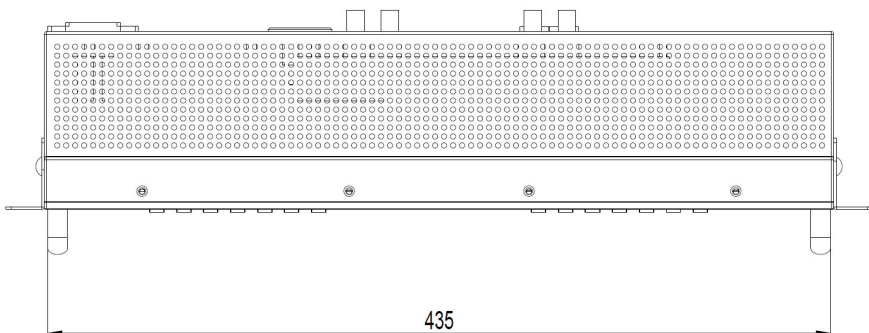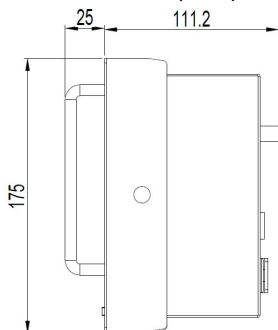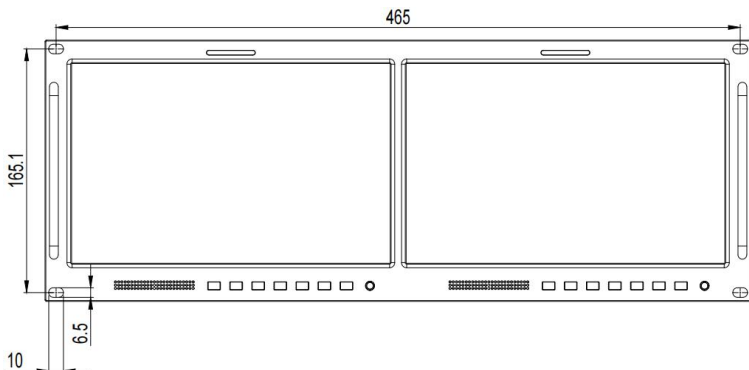
Front view (mm)

Top view (mm)
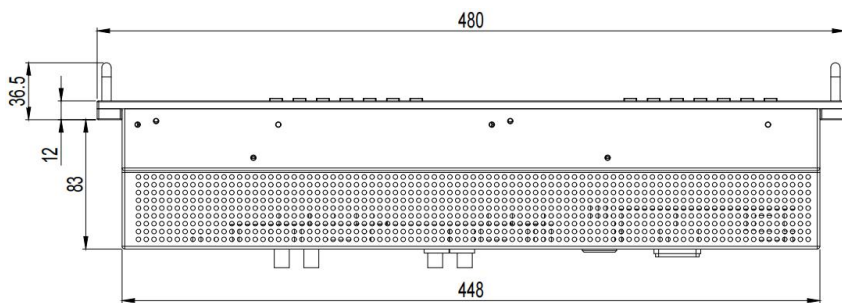

Side view (mm)

KRM-802A monitor dimension:

Front view (mm)

482
465
21
130.9
88.9
440.2
11.5
6.5

Top view (mm)

20.9
20.9

Side view (mm)

12
125.4
25
120

KRM-902A monitor dimension:

Front view (mm)

481.6

462

6.5

14.5

20.5

133.3

Top view (mm)

435

Side view (mm)

25   111.2

175

KRM-1002A monitor dimension:

Front view (mm)

465

165.1

6.5

10

Top view (mm)

480

36.5

12

83

448

Side view (mm)

177
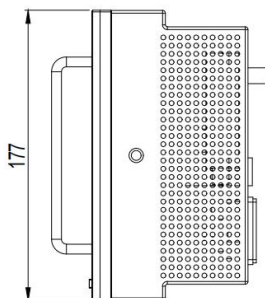
Warranty Card

User		Tel		Postal Code	
Address					
Product Model		Serial Number			
Dealer		Purchase Date			

Maintenance Record

Date	Contents of Reparation	Replacement parts		Repairer	User Signature
		Name	Qty		

This warranty card should be filled in immediately when purchasing

Please keep a proper record of this warranty card.

As the continuous improvement of the products, this will subject to change without notice

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