



User Manual

LCD Monitor

HME2C26



Hisense LCD Monitor

HME2C26

User Manual

Read the User Guide thoroughly before using Hisense LCD monitor and keep it properly for future reference.

RSAG2.025.5072(0100)SS-2 C Edition

You can download the latest user guide from Hisense website:

<http://www.hisense.com/>

Preface

Dear users,

Hello. Thank you for purchasing Hisense LCD monitor, which will provide you with satisfying display effect. Read the User Guide thoroughly before using the LCD monitor and keep it properly for future reference. Hisense shall not be liable for any accidents arising from violations of the safety precautions and use instructions of the User Guide.



Hisense Group Service Hotline: 4006111111

Hisense Group Installation Hotline: 4008011111

Hisense service quality supervision tel: 0532-83091111



Only the repair personnel are allowed to repair the LCD monitor and replace its components. Failure to comply will result in electric shock and fire.



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Safety Information and Precautions

Read the following information thoroughly before using the LCD monitor:

❖ Safety Precautions

- The LCD monitor has passed safety certification testing and can be used reliably and safely. Please read this section and the precautions on the LCD monitor thoroughly to ensure safe use and correct maintenance and to avoid accidents and man-made damage. Contact Hisense if you encounter any problems when using the LCD monitor.
- The medical certified special power adapter MDS-150AAS24 B that is manufactured by Delta and attached to this device must be used. The adapter has an input voltage of 100-240 VAC, a frequency of 50-60 Hz, and an output voltage of 24 VDC. When the power adapter is damaged, contact Hisense or an authorized distributor. Do not use another type of power adapter. Connect this device to a grounded power supply to avoid electric shock.
- To avoid hazards, do not place the LCD monitor on a soft pad. If the LCD monitor will not be used for a long time, disconnect its power cable. The LCD monitor contains hazardous high voltage inside, so do not disassemble it by yourself. This device must be maintained by qualified personnel. If the device has any error, please contact Hisense or our authorized distributors.
- Install the device near a socket easy to use. Do not place sundries around the power disconnect devices such as switches, power plugs, and appliance couplers. These devices should be convenient to operate.
- Use licensed power cables that match the voltage of the power socket and meet the safety standards of the country or region where the power cables are used. Never overload the power socket. Use qualified sockets that have passed national safety certification.
- Power cable protection (USA: power cable): Put power cables in places where they are difficult to be stepped on or squeezed by objects above or against them, and special attention should be paid to the plug and socket positions of the power cables.
- Do not expose this device to any rainy or moisture places. Keep the LCD monitor away from any high-temperature and heat-generating object.
- Do not use this device in any environment where flammable anesthetic is mixed with air, oxygen or nitrous oxide.
- Do not touch any non-application part of this device when it is running to avoid discomfort caused by the high temperature of the device.

❖ Remarks

- The LCD monitor is intended for use in the target sales regions. If it is used outside these regions, its performance may be different from the specifications.
- It is recommended that you use the specified accessories of the LCD monitor, which can be used only with the spare parts and accessories that are manufactured or specified by Hisense. Before operation, test and verify all the devices and the settings.

Safety Information and Precautions

- Final users must set a backup system when using this device, to avoid video loss.
- It takes about 30 minutes for the electronic components of the LCD monitor to achieve stable performance. It is recommended that you start the LCD monitor in advance to ensure display accuracy.
- Condensation may form inside and outside the LCD monitor if the LCD monitor is of low temperature and moved into a room or the room where it is located experiences fast temperature rise. In this case, turn on the monitor after the condensation disappears; otherwise, the monitor will be damaged.
- Do not cover or block any ventilation holes on the device housing. When the monitor is installed in a closet or other closed environments, keep a certain gap between the monitor and sides of the closet.
- To avoid brightness change caused by long-term use and maintain stable brightness, it is recommended that you use the monitor at low brightness.
- Keep the high-frequency electrotome away from this monitor, and cables or devices connected to this monitor. The high-frequency electrotome, when turned on, may interfere with nearby devices. The OSD menu of the monitor may be activated by interference, affecting the monitor function. The image display may be abnormal due to interference, affecting the viewing effect.
- It is recommended that you clean the LCD monitor exterior periodically to extend its service life.
- Do not clean or maintain the monitor when it is powered on. Remove the monitor power cable for cleaning or maintenance.
- Do not modify the monitor without authorization of the manufacturer.
- It is strongly recommended that you prepare a backup monitor for important tasks.
- If you do not need to use the monitor for a long time, disconnect the monitor from the power socket to avoid damage to the monitor caused by transient voltage.
- To completely power off the monitor, remove the power plug from the power socket.
- Safety Information and Precautions

❖ Description and Maintenance of the LCD monitor

Preventive maintenance is not required. But regular maintenance and check is required to check whether the monitor is in its best state to ensure its safe running. It is recommended that you check the monitor function and safety regularly, for example, at least once every year.

- The screen is a key component of the LCD monitor and requires periodic maintenance.
- Do not squeeze the edges of the LCD monitor or frame. Failure to comply may cause display failure.
- Do not touch or press the monitor with sharp objects, which may cause damage to the screen.
- Do not use organic solvents such as alcohol and gasoline, or chemical reagents such as acid and alkali to contact the housing or monitor, which may lead to gloss reduction, fading, and image quality reduction of the housing or monitor.

Safety Information and Precautions

- Do not clean the monitor housing or screen with any diluent, benzene, wax, and abrasive cleaning agent that may damage the monitor housing and screen.
- It is recommended that the surfaces of the monitor housing and panel be cleaned with special screen cleaning cloth.
- When necessary, after the monitor is shut down, wet a small piece of clean soft cloth with water, and properly clean the housing and monitor to remove the dirt on the surface gently.

Important Information

- The pictures in this document are for reference only and may be different from the appearance of the actual product. The information in this document is subject to change without notice.
- This document provides instructions on correctly installing and using the LCD monitor. Please keep it properly. If it is lost, contact Hisense.
- See the monitor certificate label for its production date.

Important Safety Precautions

EMC Statement

All electronic devices may generate electromagnetic interference to other devices through air or cables connected with them. Electromagnetic compatibility (EMC) refers to the capability of a device not to be affected by electromagnetic interference of other devices and not to affect other devices by similar electromagnetic radiation.

To fully achieve the specified EMC performance, users should follow the detailed instructions in the service manual to properly install this product.



Warning: Do not use this device when other devices are adjacent or stacked together; otherwise, it may lead to improper operation. When necessary, observe this device and other devices to confirm that they can operate normally.



Warning: The use of accessories, sensors, and cables not specified or provided by the manufacturer of this device may lead to increased electromagnetic radiation or decreased electromagnetic immunity, and improper operation.



Warning: Portable RF communication devices (including peripheral devices such as antenna cables and external antennas) should be used at least 30 cm (12 inches) away from any part of Hisense LCD, including cables specified by the manufacturer. Otherwise, the monitor performance may be degraded.



Caution: The manufacturer is not responsible for any interference or response caused by using non-recommended interconnection cables or making changing or modifying this device without authorization. Unauthorized changes or modifications may deprive users of the right to operate the device.



Caution: Unless this device is provided by Hisense, it is best not to operate devices that can emit radio waves in the vicinity of this device, such as cellular phones, wireless transceivers, mobile radio transmitters, and radio remote control toys.



Caution: This device may emit RF energy during operation. It may cause RF interference to other medical, non-medical, and radio communication devices. To effectively prevent such interference, this product complies with the RF emission limit specified in the Class A standard of IEC00112 Group 1. However, Hisense does not guarantee that no interference is generated under separate installation conditions.



Warning: The following cables must be used to meet the requirements of electromagnetic radiation and electromagnetic immunity:

Cable Name	Length
Power cable (10 A)	1.5 m

Important Safety Precautions

Guidance and manufacturer's declaration - electromagnetic immunity

Hisense LCD is suitable for the specified electromagnetic environment and meets the emission requirements of the following standards.

Symptom	Professional medical institutions
Conducted disturbances and electromagnetic radiation disturbances	Class B, Group 1, CISPR 11
Harmonic distortion	IEC 61000-3-2
Voltage fluctuation and flicker	IEC 61000-3-3

Guidance and manufacturer's declaration - electromagnetic immunity

Hisense LCD is suitable for use in specified electromagnetic environment and meets the following immunity test levels. Higher immunity levels may lead to loss or degradation of basic performance of Hisense LCD.

Symptom	Basic EMC Standard or Test Method	Professional medical institutions
Electrostatic discharge (ESD) immunity	IEC 61000-4-2	± 8 kV, contact ± 2 kV, ± 4 kV, ± 8 kV, and ± 15 kV, air
Radiation RF electromagnetic field	IEC 61000-4-3	3 V/m 80 MHz to 2.7 GHz 80% AM at 1 kHz
Adjacent area of RF wireless communication devices	IEC 61000-4-3	See the table of RF wireless communication devices in the recommended minimum separation distance.
Power frequency magnetic field immunity	IEC 61000-4-8	30 A/m; 50 Hz or 60 Hz
Electrical fast transient pulse/burst immunity	IEC 61000-4-4	± 2 kV 100 kHz, repetition rate

Important Safety Precautions

		± 1 kV, 100 kHz, for signal input/output ports
Surge	IEC 61000-4-5	Cable for cable: ± 0.5 kV, ± 1 kV Ground cable: ± 0.5 kV, ± 1 kV, ± 2 kV
Conducted interference induced by RF field	IEC 61000-4-6	3 V under 0.15 MHz to 80 MHz 6 V for ISM and/or amateur RF bands between 0.15 MHz and 80 MHz 80% AM at 1 kHz
Voltage dip	IEC 61000-4-11	0% UT: 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270°, and 315°
		UT%: 1 cycle; 70% UT: 25/30 cycles 0° sine phase
Voltage interruption	IEC 61000-4-11	0% UT: 250/300 cycles
UT: Rated voltage. For example, 25/30 cycles mean 25 cycles at 50 Hz or 30 cycles at 60 Hz.		

Recommended minimum separation distance

RF wireless devices are now widely applied in medical places where medical devices and/or systems are used. When they are used in close proximity to medical devices and/or systems, they may affect the basic safety and performance of medical devices and/or systems. The Hisense LCD has passed the immunity test in the following table and meets the relevant requirements of IEC 00112: 201. Customers and/or users must keep the following recommended minimum distances between RF wireless communication devices and this Hisense LCD.

Test Frequency (MHz)	Frequency Band (MHz)	Service	Modulation	Maximum power (W)	Distance (m)	Immunity Test Level
385	380-390	TETRA400	Pulse modulation 18 Hz	1.8	0.3	27
450	430-470	GMRS 460 FRS 460	FM ± 5 kHz, deviation	2	0.3	28

Important Safety Precautions

			1 kHz, sine wave			
710	704-787	LTE Band 13, 17	Pulse modulation 217 Hz	0.2	0.3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE band 5	Pulse modulation 18 Hz	2	0.3	28
870						
930						
1720	1700-1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE bands 1, 3, 4, and 25; UMTS	Pulse modulation 217 Hz	2	0.3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE band 7	Pulse modulation 217 Hz	2	0.3	28
5240	5100-5800	WLAN 802. 11 a/n	Pulse modulation 217 Hz	0.2	0.3	9

Contents

Preface	I
Safety Information and Precautions	II
Contents	1
Overview	2
Features.....	2
Technical Specifications.....	3
Packing List.....	4
Monitor Components and Connectors.....	5
Monitor Front View.....	5
Monitor Rear View.....	6
Monitor Connector View.....	7
Definition of Monitor Connector Pins.....	8
Installation.....	10
Base Installation	10
VESA Bracket Installation	11
Dismantling/Installation of Connector Cover.....	12
Input Port Connection.....	13
Output Port Connection	13
Power Supply Connection	14
Protective Grounding.....	14
Operational Instructions and Function Adjustment	15
Power-on/off.....	15
Power Indicator Status.....	15
Breath Indicator Status	15
Button Locking/Unlocking	15
Shortcut Menu Operation	15
Main Menu Operation	19
Detailed Operation Description	22
Troubleshooting	30
Maintenance Disclaimer.....	31
Safety Information.....	32
Compliance Information	33
Environmental Protection Information	34
Biological Hazards and Return	35
Cleaning and Disinfection	36
Legal Disclaimer	37
Symbol Description.....	38
Annex	40

Overview

Thank you for choosing Hisense LCD. This product is a 26-inch LED-backlight color LCD. It is designed for trained medical personnel and can accurately display various images during operation.

Features

- Real-time Picture Enhancement (RPE)

It optimizes the definition and contrast of dynamic videos frame by frame to improve the reality and presence of the videos.

- Color Gamut Match (CGM)

It matches color gamuts based on camera light sources, display pure basic colors, present color details, and provide near-lifelike color effects.

- HD display and processing

It provides a number of pixels of 1920 x 1080 and brightness as high as 900 cd/m² (typical for LCDs) to accurately display HD videos and images output by cameras or other systems without blue or distortion.

- Multi-mode display

It supports multi-channel HD digital input and output signals and multi-mode display (PIP and PBP). It also supports connection with various cameras, other systems, and other imaging equipment, meeting the requirements of application in complex environments such as the operating room.

- No fan noise

It can dissipate heat by itself and thus does not need a fan, which meets the operating rooms' requirements on noise and dust/bacteria in the air.

- Anti-reflection protection panel

It has an anti-reflection protection panel which can reduce the reflected light of the monitor under strong light. The panel has a full bonding design to eliminate the air layer between the protection panel and the LCD to avoid image ghosting and water vapor condensation. The panel is dust-proof and easy to clean, improving the waterproof level and meeting the requirements of the operating room environment.

Overview

Technical Specifications

Model		HME2C26
Name		LCD monitor
LCD panel monitor	Size	26 inches (660.9 mm)
	Panel type	Color LCD panel (IPS)
	Backlight	LED
	Number of pixels	(H) 1920 x (V) 1080
	Display area	(H) 576 x (V) 324 (mm)
	Pixel pitch	(H) 0.300 x (V) 0.300 (mm)
	Contrast	1400:1 (typical)
	Visible angle	Horizontal: 178°, vertical: 178° (CR ≥ 10)
	Response time (ms)	18 (Tr+Tf) (typical)
	Max. display colors	1,073,741,824 colors
	Brightness	900 cd/m ² (typical)
Factory default brightness		500+20 cd/m ²
Input signal interface		Two DVI-Ds
		VGA
		3G-SDI/HD-SDI
		YPbPr
		B-type USB drive (for software upgrade only)
Output signal interface		3G-SDI/HD-SDI
		DVI-D
Power supply	Input voltage	100-240 VAC, 50-60 Hz
	Output voltage	24 VDC/6.25 A±5%
	Output power	150 W
Power consumption	Standard power	≤ 50 W
	Maximum power	≤ 91.2 W
	Power saving mode	≤ 8 W
Product	Integrated	633 (mm) x 402.1 (mm) x 58.3 (mm)

Overview

dimensions (W x H x T)	system	
Quality	Net weight	8.7±0.5 Kg
Pitch (VESA standard)		100 x 100 (mm)
Service life		30,000 h
Environment conditions	Temperature	Operating: 10°C to 35°C (best performance)/0°C to 40°C (maximum safe temperature) Storage/transportation: -20°C to 60°C
	Humidity	Operating: 20%-85% R.H., no condensing Storage/transportation: 5%-85% R.H., no condensing
	Atmospheric pressure	Operating: 700-1060 hPa Storage: 500-1060 hPa
Execution standard		Q/0202RSR 631 LCD Monitor

Packing List

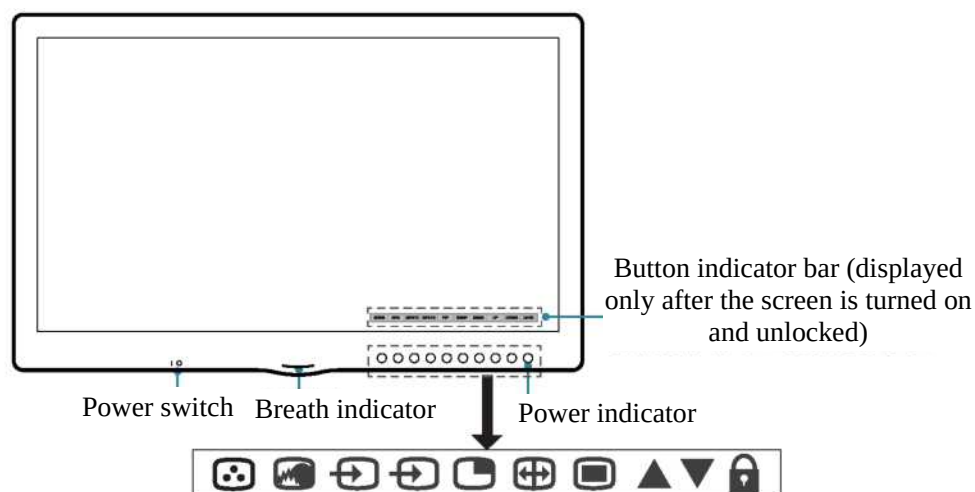
Name	Quantity	Remarks
Monitor	1	
Power cable	3	
Screw	Four	
Cable tie tape	1	
Power adapter	1	MDS-150AAS24 B Input: 100-240 VAC, 50-60 Hz, 2.5-1 A Output: 24 VDC/6.25 A
DVI signal cable	1	KFD1160118128
USB signal cable	1	KFU113112911-1
3G-SDI signal cable	1	SJMJ0017
User Manual	3 copies	

Note

- In case of missing or damaged components, please contact Hisense or our designated distributors in time. Please keep the original package. If you need to send this product back, please use the original packaging. Do not press heavy articles on this product during transportation. Do not place any heavy weight on top of the package during transportation.

Monitor Components and Connectors

Monitor Front View



□ Button Description

	Power switch	It is used to turn on or off the monitor.
	MODE	It is used to select different display modes.
	RPE	It is used to select different RPE effects.
	INPUT1	The signal source selection button 1
	INPUT2	The signal source selection button 2
	PIP	It is used to select the display mode PIP or PBP.
	SWAP	The Return/Swap button
	MENU	The Menu/OK button
	UP	It is used to select the previous option or increase the value.
	DOWN	It is used to select the next option or decrease the value.
	LOCK	It is used to lock or unlock the screen or indicate the power status.

☑ Note

Monitor Components and Connectors

For instructions on using the buttons, see the "Operational Instructions and Function Adjustment" section.

☐ Power switch

It is used to power on and off the LCD monitor.

☐ Power Indicator Description

When the power is turned on, the green power indicator is on. When the power is turned off, the power indicator is off. When the system is in the standby state, the orange power indicator is on.

☐ Button indication bar

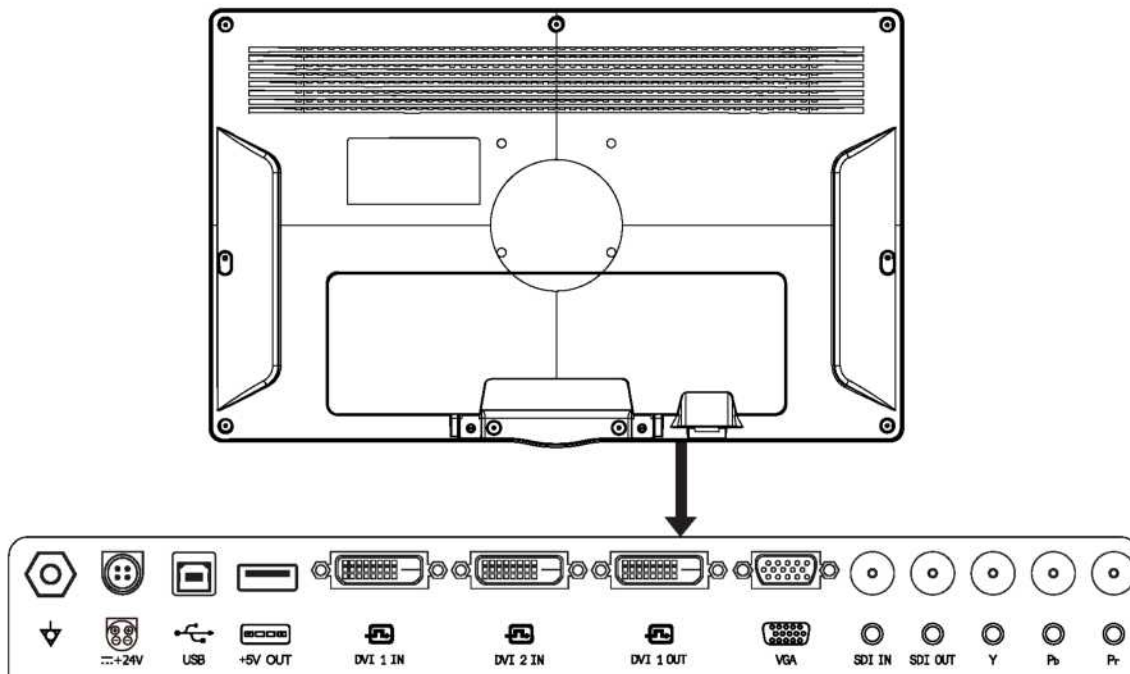


It is used to display the name of some monitor buttons to facilitate user operation.

☒ Note

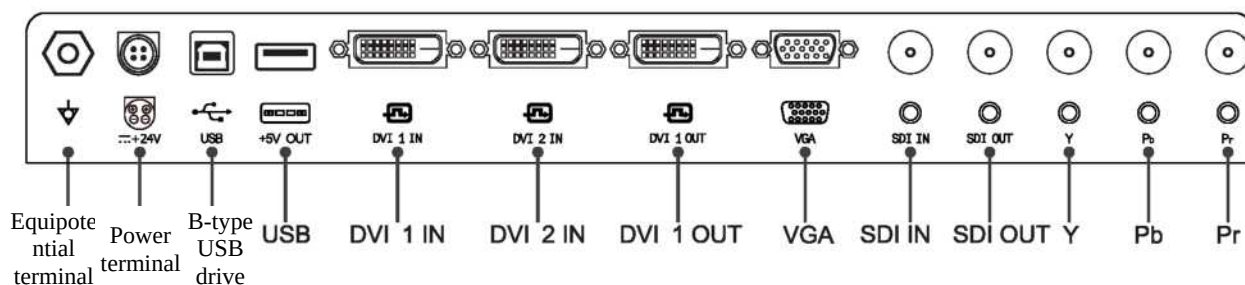
- After you press **LOCK** to unlock the button, the button indicator bar is displayed. After a button is locked, its indicator bar disappears.

Monitor Rear View



Monitor Components and Connectors

Monitor Connector View

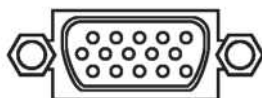


Interface Role	Connector Description	Remarks
Equipotential terminal	Connect to an equipotential plug	
24 VDC power input interface	DIN4PIN	Can only be used together with the power adapter MDS-150AAS24 B
Software upgrade interface	B-type USB drive	
USB drive power supply interface	A-type USB drive	Power supply interface for peripheral devices, output: 5 V, 1 A
DVI signal input interface	DVI-D 1 IN and DVI-D 2 IN	
DVI signal output interface	DVI-D OUT	
VGA signal input interface	VGA	
SDI-IN video signal input	BNC	
SDI-OUT video signal output	BNC	
Y Pb Pr(R G B) signal input	BNC	

Monitor Components and Connectors

Definition of Monitor Connector Pins

❑ VGA Port Schematic Diagram:



VGA Port Definition Table:

15-pin VGA pin definition:					
Pin	Signal allocation	Pin	Signal allocation	Pin	Signal allocation
1	Red	6	Red	11	Reserved
2	Green	7	Green	12	SDA (used for DDC)
3	Blue	8	Blue	13	Line synchronization
4	Reserved	9	NC	14	Field synchronization
5	GND	10	GND	15	SCL (used for DDC)

❑ Schematic Diagram of DVI Signal Input Port:



DVI Port Definition Table:

24-pin DVI-D pin allocation:					
Pin	Signal allocation	Pin	Signal allocation	Pin	Signal allocation
1	TMDS Data2-	9	TMDS Data1-	17	TMDS Data0-
2	TMDS Data2+	10	TMDS Data1+	18	TMDS Data0+
3	TMDS Data shielding	11	TMDS Data shielding	19	TMDS Data shielding
4	NC	12	NC	20	NC
5	NC	13	NC	21	NC
6	SCL (used for DDC)	14	+5 V input	22	TMDS clock shielding
7	SDA (used for DDC)	15	GND	23	TMDS Clock+
8	NC	16	HPD	24	TMDS Clock-

Schematic Diagram of +5 V OUT Power Output Port:

Monitor Components and Connectors



USB Interface Definition Table:

USB interface pin definition			
Pin	USB port Signal allocation	Pin	Signal allocation
1	+5 VDC	3	NC
2	NC	4	GND

24 VDC Power Input Interface:



24 V interface pin definition			
Pin	Signal allocation	Pin	Signal allocation
1	+24 V	3	GND
2	+24 V	4	GND

B-type USB Interface Definition

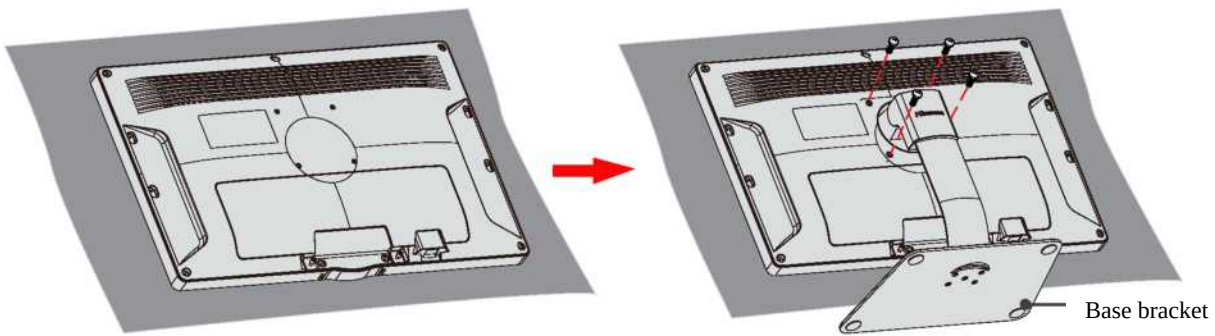


B-type interface pin definition			
Pin	Signal allocation	Pin	Signal allocation
1	+5 VDC	3	Data+
2	Data-	4	GND

Installation

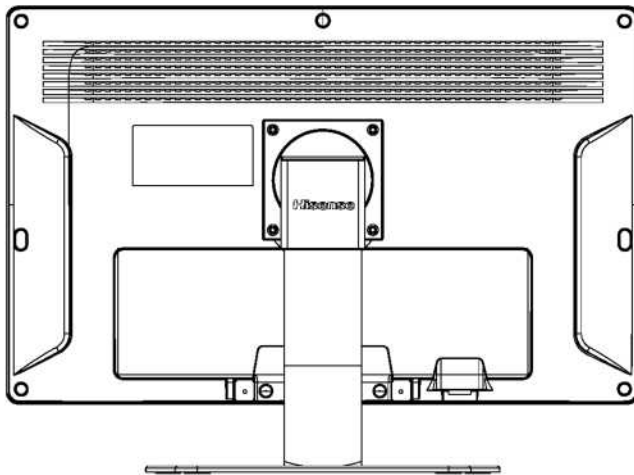
Base Installation

- ☐ To install a base for the monitor, please use the base delivered with the Hisense monitor instead of bases of other brands.
- ☐ Install the Base
 - Lay a piece of cushion cloth (or other soft materials) on a flat table that can bear enough weight and area to avoid damaging the LCD. As shown in the figures below, put the monitor on a horizontal flat table.
 - Fix the base with screws delivered with the monitor in the accessories bag to avoid damaging the monitor.
 - The appearance of the actual product shall prevail.
 - Insert the base bracket into the mounting hole at the bottom of the system, and fix the base bracket and the monitor with four M4X12 screws.

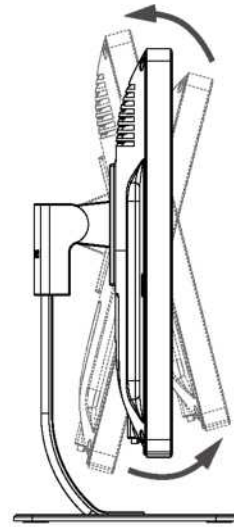


- ☐ Adjust the monitor (after the base bracket is installed)
 - When adjusting the monitor, do not contact the display area; otherwise, the monitor may be damaged.

Installation



Rear view



Side view
The base can adjust the tilting angle by 15°

VESA Bracket Installation

The monitor is suitable for the standard VESA 100 x 100 mm mounting arm frame.



Caution:

Do use a VESA-certified supporting arm.



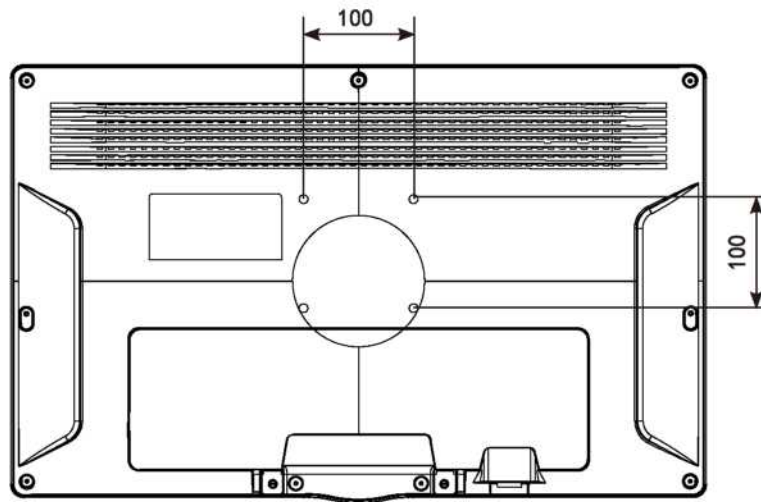
Caution:

Use a supporting arm that can bear a weight of at least 10 kg. The VESA interface of the monitor is designed with a safety factor of 6 and thus can support a weight six times the weight of the monitor. In medical systems, you must use a supporting arm with an appropriate safety factor (IEC60601-1).

Install the monitor to the arm frame:

Use M4 tin nails for connection (Note: The effective screwing depth of the monitor is 8-10 mm).

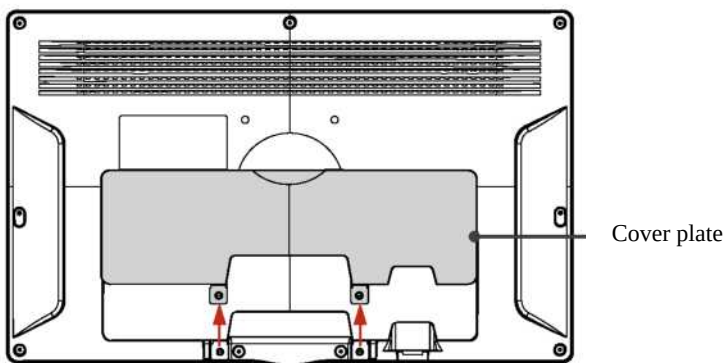
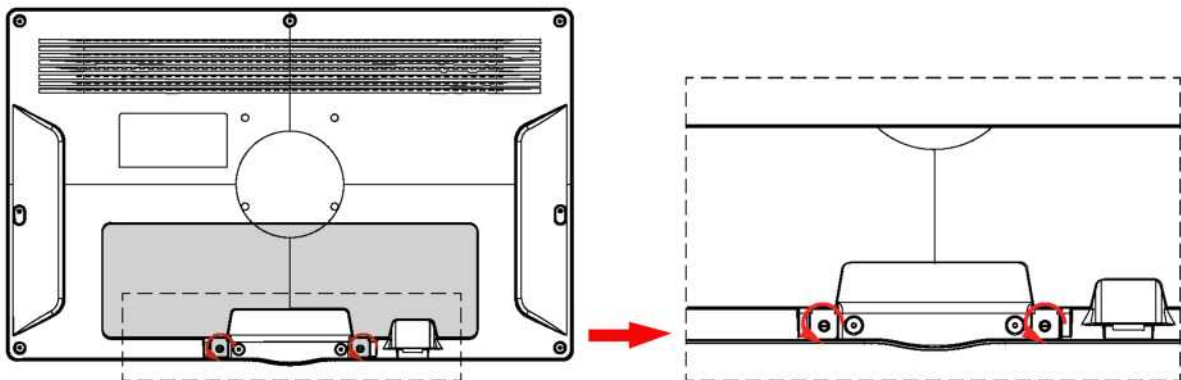
Installation



Dismantling/Installation of Connector Cover

☐ Dismantling:

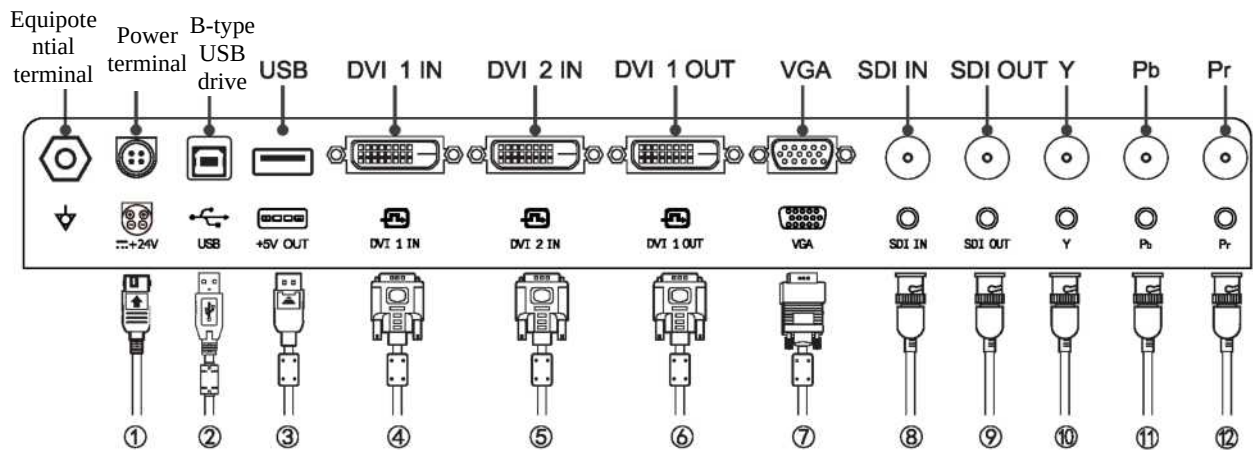
1. Rotate the fixing screws counterclockwise to loosen them.
2. Slide the connector cover up and remove it. (The installation process is the opposite.)



Input Port Connection

Connect one or more video sources to the monitor's video input terminals:

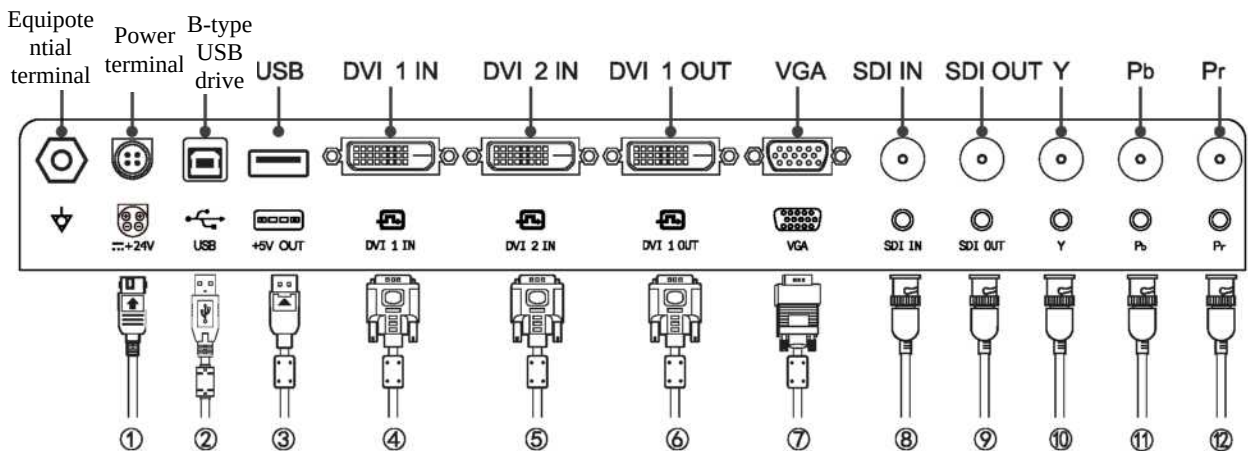
1. DVI: ④/⑤
2. VGA: ⑦
3. SDI: ⑧
4. YPbPr: ⑩, ⑪, and ⑫



Output Port Connection

Connect one or more video receivers to the monitor's video output terminals:

1. DVI: ⑥
2. SDI: ⑨



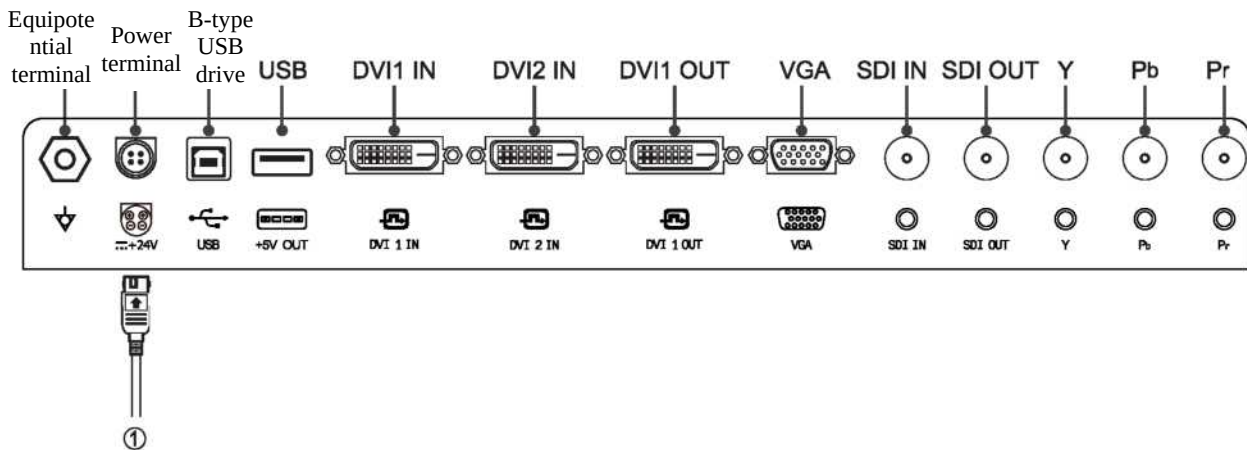
Installation

Power Supply Connection

Connect the 24 VDC power adapter delivered with the monitor to the 24 VDC power input terminal of the monitor.

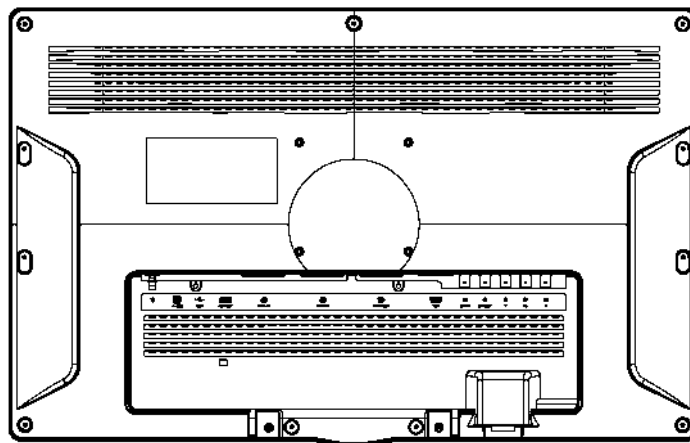


Do use the DC power adapter delivered with the monitor. Do not use any other adapters. Do not inverse the direction of the power plug.



Protective Grounding

Use an AWG18 wire (with the maximum cable length approved by national regulations) to connect the protective grounding pin to the grounding socket to ground the monitor.



Operational Instructions and Function Adjustment

Power-on/off

Power-on: Move the IO power switch to I. Then, the power is turned on and the monitor is powered on.
Power-off: Move the IO power switch to O. Then, the power is turned off and the monitor is powered off.



If you do not need to use the monitor for a long time, turn off the power and disconnect the monitor from the power socket.

Power Indicator Status

The power indicator indicates the power switch statuses by different colors. If the green power indicator is on, the power is turned on and the monitor works normally.

If the orange power indicator is on, the power is turned on and the monitor is in the standby state.

If the power indicator is off, the power is turned off and the monitor is shut down.

Breath Indicator Status

The breath indicator statuses indicate different monitor statuses.

If the breath indicator is on, the monitor is in the standby state.

If the breath indicator is off, the monitor works normally.

Button Locking/Unlocking

To avoid misoperation, buttons can be locked and unlocked. Before using a button, you must unlock the button first. Unlock a button: When a button is locked, press for 3s. The button is unlocked and available after its indicator color turns white.

Lock a button: When a button is unlocked, press for 3s. The button is locked and not available after its indicator is off.

Timeout locking: When a button is unlocked and is not operated in 120s, the system automatically locks the button and the button indicator is off.

Shortcut Menu Operation

Mode Selection

The following modes are available in the power-on state:

Operational Instructions and Function Adjustment

Option	Definition
Factory	The optimal display mode preset in the factory
DICOM	Compliant with DICOM Part 14
User1	Compliant with Gamma, with support for custom parameter settings
User2	Compliant with Gamma, with support for custom parameter settings
User3	Compliant with Gamma, with support for custom parameter settings
User4	Compliant with Gamma, with support for custom parameter settings
User5	Compliant with Gamma, with support for custom parameter settings
User6	Compliant with Gamma, with support for custom parameter settings

Adjustment Procedure

- Press  **MODE** to call out the **Mode** menu.
- Press **▲UP** or **▼DOWN** to switch among modes.
- Press  **MODE** to exit the current menu.

Note

- When  **MODE** is effective, both **▲UP** and **▼DOWN** are effective. The indicator color is green. Other buttons are locked and their indicator color is white.

☐ RPE Effect Selection

In the power-on state, you can turn on or off RPE.

When this function is turned on, **Level1**, **Level2**, and **Level3** effects can be selected.

Adjustment Procedure

- Press  to call out the **RPE** menu.
- Press **▲UP** or **▼DOWN** to select different options.
- Press  **RPE** to exit the current menu.

Note

When **RPE** is effective, both **▲UP** and **▼DOWN** are effective. The indicator color is green. Other buttons are locked and their indicator color is white.

☐ Signal Input Selection

In the power-on state, you can press **INPUT1/INPUT2** to select the signal input channels. Options are **Auto**, **DVI 1**, **DVI 2**, **SDI**, **VGA**, and **YPbPr**.

Adjustment Procedure

Press  **INPUT1/INPUT2** to exit the **INPUT1/INPUT2** menu.

Press **▲UP** or **▼DOWN** to switch among options.

Press  **INPUT1/INPUT2** to exit the current menu.

Operational Instructions and Function Adjustment

Note

If no signal is input in **Single** or **Dual** mode, the monitor enters the standby state.

In **Dual** mode, if a window has signal, the screen of the window without signal turns black.

When  **INPUT1/INPUT2** is effective, both **▲UP** and **▼DOWN** are effective. The indicator color is green. Other buttons are locked and their indicator color is white.  **INPUT1/INPUT2** cannot be used to select the same signal source or restricted signal sources. The selection logic is shown in the table below:

INPUT 1	INPUT 2				
	DVI 1	DVI 2	SDI	VGA	YPbPr
DVI 1	X	√	√	√	√
DVI 2	√	X	X	√	√
SDI	√	X	X	√	√
VGA	√	√	√	X	X
YPbPr	√	√	√	X	X

Multi-window Display Mode Selection

In the power-on state, you can select the display mode **PIP** or **PBP**. Options are:

Option	Definition	Graphic
Off	Only one window is displayed.	
Large PIP	The height of the secondary window is 50% that of the primary window.	
Medium PIP	The height of the secondary window is 40% that of the primary window.	
Small PIP	The height of the secondary window is 30% that of the primary window.	
Level PBP	The primary window is flush with the secondary window.	
Fill PBP	The primary and secondary windows fill half of the screen respectively.	

Adjustment Procedure

- Press  **PIP** to call out the **PIP/PBP** menu.
- Press **▲UP** or **▼DOWN** to select different options.
- Press  **PIP** to exit the current menu.

Note

Operational Instructions and Function Adjustment

- When **PIP** is effective, **⬅➡SWAP**, **▲UP**, and **▼DOWN** are effective. The indicator color is green. Other buttons are locked and their indicator color is white.
- In **PIP/PBP** mode, press **⬅➡SWAP** to switch the signal input content of the primary and secondary windows.

☐ Image Flip Selection

In the power-on state, you can select different image flip patterns.

Options are **Normal**, **Rotation**, **Mirror**, and **Freeze**.

Adjustment Procedure

- In **Single** mode, press **⬅➡SWAP** to call out the **Flip Pattern** menu.
- Press **▲UP** or **▼DOWN** to select different options.
- Press **⬅➡SWAP** to exit the current menu.

☒ Note

- In **PIP/PBP** mode, **Rotation**, **Mirror**, and **Freeze** are not supported.
- **Rotation** is used to rotate the image by 180° along the horizontal direction.
- **Mirror** is used to rotate the image by 180° along the vertical direction.
- When **⬅➡MODE** is effective in **Single** mode, both **▲UP** and **▼DOWN** are effective. The indicator color is green. Other buttons are locked and their indicator color is white.

☐ Brightness Adjustment

In the power-on state, press **UP** to adjust the brightness value.

The value range is 0-100.

Adjustment Procedure

- Press **▲UP** to call out the **Brightness** menu.
- Press **▲UP** or **▼DOWN** to adjust the brightness value.
- Press **⬅➡SWAP** to exit the current menu.

☒ Note

- When the color of the **▲UP** indicator turns green, the color of the **⬅➡SWAP** and **▼DOWN** indicators also turns green. Other buttons are locked and their indicator color is white.

☐ Contrast Adjustment

In the power-on state, press **▼DOWN** to adjust the contrast value.

The value range is 0-100.

Adjustment Procedure

Operational Instructions and Function Adjustment

- Press **▼DOWN** to call out the **Contrast** menu.
- Press **▲UP** or **▼DOWN** to adjust the contrast value.
- Press **⊞SWAP** to exit the current menu.

Note

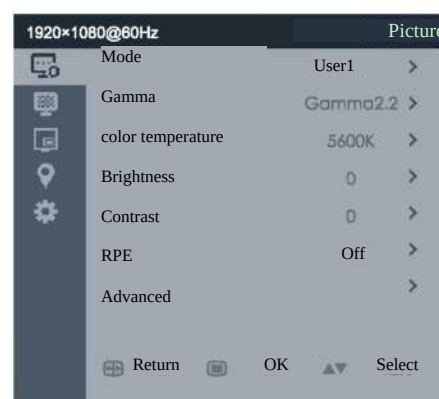
- When the color of the **▼DOWN** indicator turns green, the color of the **SWAP** and **▲UP** indicators also turns green. Other buttons are locked and their indicator color is white.

Main Menu Operation

☐ Main Menu Operation Description

Menu operation method

- 1) Press **⊞MENU** to activate the **Menu** window.
- 2) Press **▲UP** or **▼DOWN** to browse functions of the main menu.
- 3) Press **⊞MENU** to enter a sub-menu.
- 4) Press **▲UP** or **▼DOWN** to select a sub-menu item or adjust the settings of the selected function.
- 5) Press **⊞MENU** to save the settings or press **SWAP** to exit the current menu.



☐ Display Main Menu

In the power-on state, press **⊞MENU** on the monitor to call out the **User** menu and press **⊞SWAP** to close the menu.

Main Menu Item	Secondary Menu Item	Sub-menu and Item	Remarks
Picture 	Mode	Factory, DICOM, User1, User2, User3, User4, User5, and User6	
	Gamma	Gamma1.8, Gamma2.0, Gamma2.2, Gamma2.4, Gamma2.6, and γC	It can be adjusted only when RPE is turned off in User mode.
	Color temperature	5600K, 6500K, 7500K, 8000K, 9300K, and User	It can be adjusted only in User mode.
	Brightness	0-100	It can be adjusted only in User mode.
	Contrast	0-100	It can be adjusted only in User mode.
	RPE	Off, Level1, Level2, and Level3	It can be adjusted only in Factory or User mode.

Operational Instructions and Function Adjustment

		Saturation	0-100	
	Advanced	Saturation	sRGB and CGC	Saturation, Color Gamut, and Sharpness can be adjusted only in User mode.
		Sharpness	0-20	
		Backlight	0-100	
Display Format 	Scale	Full, Enlarged, Normal, 5:4, and 4:3		
	Freeze Frame	Freeze and Normal		
	Flip Pattern	Normal, Rotation, and Mirror		
	Auto adjustment			It can be adjusted only when the input signal is VGA.
	Image position	Horizontal	-50-50	It can be adjusted only when the input signal in Single or the input signal of the primary window in Dual mode is VGA.
		Vertical	-50-50	
	Phase	0-100		It can be adjusted only when the input signal in Single or the input signal of the primary window in Dual mode is VGA.
PIP/PBP 	INPUT1	Auto, DVI 1, DVI 2, SDI, VGA, and YPbPr		The initial default value is DVI 1 .
	INPUT2	Auto, DVI 1, DVI 2, SDI, VGA, and YPbPr		The default value is SDI . INPUT 2 and INPUT 1 cannot select the same signal source.
		PIP/PBP	Off, Large PIP, Medium PIP, Small PIP, Level PBP, and Fill PBP	

Operational Instructions and Function Adjustment

	PIP/PBP	PIP Position	Upper Left, Bottom Left, Upper Right, and Bottom Right	The default value is Bottom Right .
		PIP Transparency	0-15	The default value is 0 .
		SWAP		
OSD 	Language	Chinese, English, Português, Español, 한국어, and Français		The default value is Chinese .
	Location	Upper Left, Bottom Left, Upper Right, Bottom Right, and Center		
	Time-out	10s, 20s, 30s, 60s, and 120s		
System 	Hisense LOGO	Enable and Disable		
	Power Saving	Enable and Disable		
	Mode Control	User1	On and Off	
		User2	On and Off	
		User3	On and Off	
		User4	On and Off	
		User5	On and Off	
		User6	On and Off	
	Mode Rename	User1, User2, User3, User4, User5, and User6		
	All Reset	Yes and No	Cancel and OK	
	Monitor Info	Model, Resolution, SN, Firmware Edition, Product Usage Time, and Backlight		

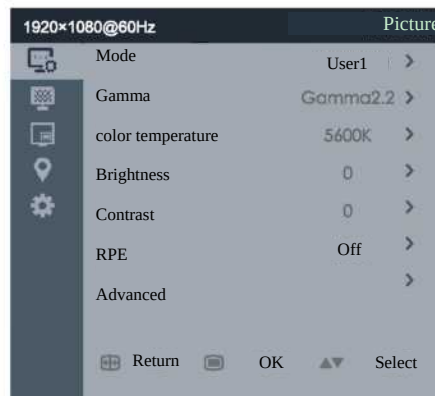
Detailed Operation Description

Picture

In the power-on state, you can adjust the display parameters in each mode of this monitor.

Adjustment Procedure

- Press  **MENU** to call out the **User** menu.
- Press **▲UP** or **▼DOWN** to select , and then press  **MENU** to enter the **Picture** menu.
- Press **▲UP** or **▼DOWN** to select a target item and then press  **MENU** and **OK** to enter the lower-level menu. In each sub-menu, press **▲UP** or **▼DOWN** to select a specific item or adjust the value.
- Press  **SWAP** to return to the previous menu or exit the main menu.



Gamma

Set **Gamma** to adjust the Gamma curve displayed by an image.

Options are Gamma1.8, Gamma2.0, Gamma2.2, Gamma2.4, Gamma2.6, and γ C.

Note

- γ C is a Gamma curve customized based on the user demands.

color temperature

It is used to adjust the color temperature of the displayed image.

Options are 5600K, 6500K, 7500K, 8000K, 9300K, and User.

Note

- You can select **User** to adjust the color temperature value. The value range of R, G, and B is all 0-100.

Operational Instructions and Function Adjustment

☐ Brightness

It is used to adjust the brightness of the displayed image.

The value range is 0-100.

☐ Contrast

It is used to adjust the contrast of the displayed image.

The value range is 0-100.

☐ RPE

It is used to adjust the RPE effect of the displayed image.

Options are Off, Level1, Level2, and Level3.

☒ **Note**

- When RPE is **Off**, the Gamma value can be adjusted. When RPE is **Level1**, **Level2**, or **Level3**, the Gamma value cannot be adjusted.
- You can use the shortcut button to adjust this function.

☐ Advanced

It is used to adjust the image saturation, color gamut, sharpness, and backlight.

Option	Definition
Saturation	It is used to adjust the tone and saturation of the displayed image. The value range is 0-100.
Color Gamut	It is used to adjust the color gamut of the displayed image. Options are sRGB and CGC.
Sharpness	It is used to adjust the sharpness of the displayed image. The value range is 0-20.
Backlight	It is used to adjust the backlight brightness of the displayed image. The value range is 0-100.

Display Format

In the power-on state, you can adjust the display effects of the monitor.

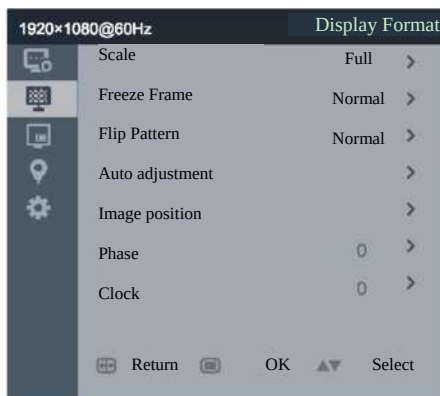
Adjustment Procedure

- Press  **MENU** to call out the **User** menu.
- Press **▲UP** or **▼DOWN** to select , and then press  **MENU** to enter the **Display Format** menu.
- Press **▲UP** or **▼DOWN** to select a target item and then press  **MENU** and **OK** to enter the

Operational Instructions and Function Adjustment

lower-level menu. In each sub-menu, press **▲UP** or **▼DOWN** to select a specific item or adjust the value.

- Press **⏮️SWAP** to return to the previous menu or exit the main menu.



☐ Scale

It is used to set the screen size in the current display mode.

Option	Definition
Full	The image is displayed in full screen mode. The image may be deformed due to the difference between the image resolution and screen resolution.
Enlarged	The image is enlarged. A horizontal or vertical blank stripe may appear on the image due to the difference between the image resolution and screen resolution.
Normal	The image is displayed based on its resolution.
5:4	The image is displayed with an aspect ratio of 5:4. The displayed image may have a blank area in the horizontal or vertical direction.
4:3	The image is displayed with an aspect ratio of 4:3. The displayed image may have a blank area in the horizontal or vertical direction.

☒ Note

- The **Scale** function is only available in **Single** mode.

☐ Freeze Frame

It is used to freeze or unfreeze the displayed image.

Options are Freeze and Normal.

☒ Note

- The **Freeze Frame** function is only available in **Single** mode.

☐ Flip Pattern

It is used to switch the image flip mode.

Operational Instructions and Function Adjustment

Options are Normal, Mirror, and Rotation.

☒ Note

- **Rotation** is used to rotate the image by 180° along the horizontal direction.
- **Mirror** is used to rotate the image by 180° along the vertical direction.
- The **Flip Pattern** function is only available in **Single** mode.

☐ Auto adjustment

It is used to automatically adjust the position of the displayed image to fill up the whole screen.

☒ Note

- It can be set only when the input signal is VGA.

☐ Image position

It is used to set the position of the displayed image.

Option	Definition
Horizontal	The image moves left and right along the horizontal direction. The value range is -50 to 50.
Vertical	The image moves up and down along the vertical direction. The value range is -50 to 50.

☒ Note

It can be set only when the input signal in **Single** or the input signal of the primary window in **Dual** mode is VGA.

☐ Phase

It is used to automatically set the image phase.

The value range is 0-100.

☒ Note

- It can be set only when the input signal in **Single** or the input signal of the primary window in **Dual** mode is VGA.

☐ Clock

It is used to automatically set the image clock.

The value range is 0-100.

☒ Note

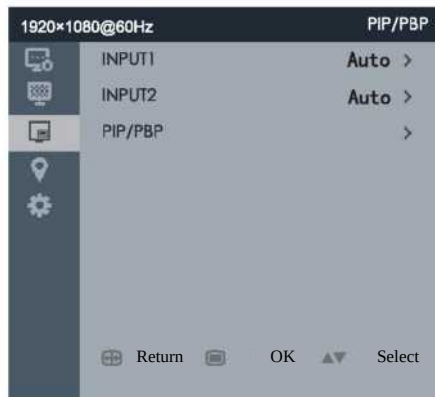
- It can be set only when the input signal in **Single** or the input signal of the primary window in **Dual** mode is VGA.

Operational Instructions and Function Adjustment

❖ PIP/PBP

Adjustment Procedure

- Press  **MENU** to call out the **User** menu.
- Press **▲UP** or **▼DOWN** to select , and then press  **MENU** to enter the **PIP/PBP** menu.
- Press **▲UP** or **▼DOWN** to select a target item and then press  **MENU** and **OK** to enter the lower-level menu. In each sub-menu, press **▲UP** or **▼DOWN** to select a specific item or adjust the value.
- Press  **SWAP** to return to the previous menu or exit the main menu.



❑ INPUT1

It is used to select the primary signal input port.

Options are Auto, DVI 1, DVI 2, SDI, VGA, and YPbPr

Note

- For precautions, see Shortcut Menu Operation-Signal Input Selection.

❑ INPUT2

It is used to select the second signal input port.

Options are Auto, DVI 1, DVI 2, SDI, VGA, and YPbPr

Note

- For precautions, see Shortcut Menu Operation-Signal Input Selection.

❑ PIP/PBP

It is used to adjust the multi-window display mode, image position, and image transparency.

Option	Definition
PIP/PBP	It is used to set different PIP/PBP display modes. Options are Off, Large PIP, Medium PIP, Small PIP, Level PBP, and Fill PBP.

Operational Instructions and Function Adjustment

PIP Position	It is used to adjust the position of the secondary window in PIP mode. Options are Upper Left, Bottom Left, Upper Right, and Bottom Right.
PIP Transparency	It is used to adjust the transparency of the secondary window in PIP mode. The value range is 0-15.
SWAP	It is used to switch the display content of the primary and secondary windows in PIP/PBP mode.

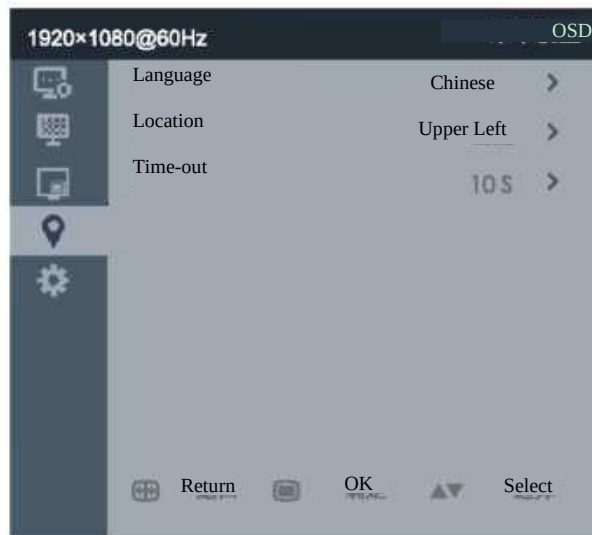
Note

- For precautions, see Shortcut Menu Operation-Multi-window Display Mode Selection.
- You can adjust **PIP Position** and **PIP Transparency** only in **Large PIP**, **Medium PIP**, or **Small PIP** mode.

OSD

Adjustment Procedure

- Press  **MENU** to call out the **User** menu.
- Press **▲UP** or **▼DOWN** to select , and then press  **MENU** to enter the **OSD** menu.
- Press **▲UP** or **▼DOWN** to select a target item and then press  **MENU** and **OK** to enter the lower-level menu. In each sub-menu, press **▲UP** or **▼DOWN** to select a specific item or adjust the value.
- Press  **SWAP** to return to the previous menu or exit the main menu.



Language

It is used to set the display language of the **OSD** menu.

Options are Chinese, English, Português, Español, 한국어, and Français.

Operational Instructions and Function Adjustment

❑ Location

It is used to set the display position of the **User** menu.

Options are Upper Left, Bottom Left, Upper Right, Bottom Right, and Center.

❑ Time-out

It is used to set the display time of the **User** menu.

Options are 10s, 20s, 30s, 60s, and 120s.

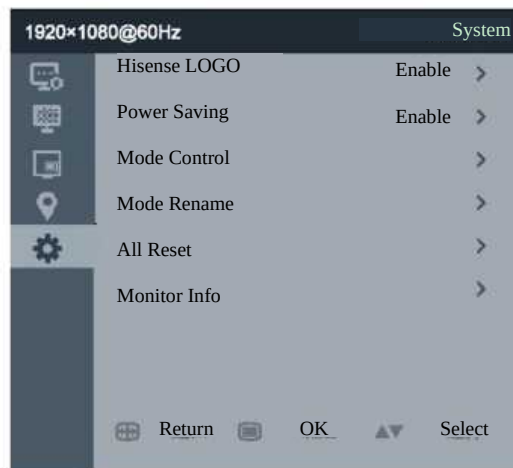
❖ System

Adjustment Procedure

- Press **MENU** to call out the **User** menu.
- Press **▲UP** or **▼DOWN** to select , and then press **MENU** to enter the **System** menu.
- Press **▲UP** or **▼DOWN** to select a target item and then press **MENU** and **OK** to enter the lower-level menu.

In each sub-menu, press **▲UP** or **▼DOWN** to select a specific item or adjust the value.

Press **SWAP** to return to the previous menu or exit the main menu.



❑ Hisense LOGO

It is used to set whether to display the Hisense LOGO upon power-on.

Options are Enable and Disable.

☑ Note

- The Hisense LOGO is displayed only when the monitor is powered on.
- The default value is Enable.

Operational Instructions and Function Adjustment

☐ Power Saving

It is used to set whether to enable or disable the power saving function.

Options are Enable and Disable.

Note

- Disable: When the monitor detects that the input port has no signal input, it keeps the backlight on.
- Enable: When the monitor detects that the input port has no signal input, it automatically enters the standby mode.
- The default value is **Enable**. Before entering the standby mode, the system prompts "**Prepare to enter standby**".

☐ Mode Control

It is used to enable or disable the **User** mode.

Options are On and Off.

Note

- If the current mode is turned off, the system automatically enters the **Factory** mode.

☐ Mode Rename

It is used to rename the **User** mode.

Note

- Only the name of **User1** to **User6** can be renamed.
- Only a name containing eight characters, including English letters, numbers, and spaces is supported.

☐ All Reset

It is used to reset the monitor menu settings.

Options are Yes and No.

Note

- If **Yes** is selected, the system prompts you to **Confirm** or **Cancel** the option. If **Confirm** is selected, all menu parameters are restored to their factory defaults.

☐ Monitor Info

It is used to view the monitor information.

You can view **Model**, **Resolution**, **SN**, **Firmware Edition**, **Product Usage Time**, and **Backlight Usage Time**.

Troubleshooting

Troubleshooting

Before repair, check the following table for possible fault causes.

If the fault persists after you follow the instructions in the User Guide, you can consider repair.

Fault Symptom	Solution
The power indicator does not light on.	• Check whether the power plug is securely connected to the socket. • Check whether the power adapter supplies power properly. • Ensure that the power adapter parameters meet the requirements of the LCD monitor. • Unplug and plug the power connector and restart the monitor. • Check whether the power switch is moved to the I side.
The power indicator lights on in orange.	• Check whether the signal cable is securely connected. • Check whether the output resolution of the connected signal source is the optimal resolution required by this product. • Press and hold LOCK to unlock the button and press INPUT1/INPUT2 to select the interface of the connected signal source. Restart the PC or the connected signal source device.
The image is blurred or has interference stripes or obvious color edges on characters.	• Check whether wiring is secure. • It is recommended that the connection cables delivered with the LCD monitor be used. • Restart the PC or the connected signal source device.
The image is abnormal.	• Check whether the output resolution of the current signal source is appropriate. • Restart the PC or the connected signal source device.
The screen has blurs (color irregular pinstripes) wholly or partially.	• This problem occurs when the signal source output format does not match with this product. Please check the signal output format. • Restart the PC or the connected signal source device.
The image cannot cover the whole screen and has blurs at the edges.	• This problem occurs when the signal source output format does not match with this product. Please check the signal output format.

Maintenance Disclaimer

Maintenance Disclaimer

- ☐ Hisense Medical guarantees that within 18 months from the date of purchase, if the monitor has any fault or component damage when the original purchaser correctly uses the monitor according to the method described in this manual or its brightness fails to meet the recommended brightness in this manual, Hisense Medical will repair or replace the monitor according to its own judgment.
- ☐ The warranty period is limited to 18 months from the date of purchase when the monitor is used only according to the recommended brightness described in the user manual. The warranty period of brightness is determined as that the service time of the product is below 30,000 hours (including 30,000 hours) (the brightness is 300 cd/m²).
- ☐ Hisense will not take warranty responsibility for the following situations:
 - The product is faulty due to the buyer's retrofitting, modification, overuse and misuse, accidents, incorrect installation, natural disasters, or improper maintenance by a third party other than Hisense and authorized distributors.
 - The product ages because it has been used with brightness above the recommended value in the User Guide for a long time.
 - The product is faulty and damaged due to external equipment.
 - The product is faulty because its original serial number is modified or eliminated.
 - Any component of the product ages, especially the LCD screen, accessories, consumables, and sensors.
- ☐ During repair, Hisense and authorized distributors will use replacement parts that meet the quality control standards Hisense. Hisense shall not be liable for the infringement damage caused by the buyer's unreasonable use or unauthorized disassembly, repair, or alteration.
- ☐ Hisense or our authorized distributor will not be liable for any damage or loss of data or other information stored in any media or any component of any product after the product is repaired by Hisense or our authorized distributor.
- ☐ The warranty period of any product that has been installed as a replacement part or repaired based on the instructions of the User Guide will terminate at the end of the original warranty period.

Safety Information

- ☐ This device has been tested and proven to meet the requirements of GB4943.1-2011 Safety of Information Technology Equipment, GB9254-2008 Information Technology Equipment - Radio disturbance characteristics - Limits and method of measurement, GB17625.1-2012 Electromagnetic compatibility - Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase), EMC: IEC/EN 60601-1-2: 2014, EN 55011/CISPR11 (MDSC-2226-MNA: Class A; MDSC-2226 LED, and MDSC-2226:DDI: Class B).
- ☐ When the LCD monitor is used with a medical imaging system, ensure that the equipment connected to the LCD monitor's signal I/O complies with medical equipment standards. All external connections with other peripheral devices must conform to the requirements of Article 16 of IEC60601-1, Edition 3.1, or the requirements for medical electrical systems in Table BBB.201 in IEC 60601-1-1.
- ☐ The electromagnetic waves emitted by power supply equipment may affect the use of the LCD monitor and damage it. Install the LCD monitor in an environment free of electromagnetic wave interference.
- ☐ If the LCD monitor generates interference or reacts to interference, take one or more of the following measures:
 - Adjust the position or direction of affected equipment.
 - Increase the distance between the LCD monitor and the affected equipment.
 - Consult Hisense.
- ☐ Use the power adapter and power cable provided by Hisense, and ensure that the LCD monitor is properly connected to ground.
- ☐ Do not modify or retrofit the LCD monitor by yourself. Failure to comply with cause interference and damage to the LCD monitor.
- ☐ Equipment classification
 - Anti-lightning class: Class I
 - operating mode: continuous
 - Protection level: IP45 for the front side only; IP22 for other sides
 - Medical device category (MDD 93/42/EEC or MDR 2017/745): Class I
 - EMC class (IEC60601-1-2): Group I Class B

Compliance Information

Intended Use

HME2C26 is a monitor for displaying images from cameras or other systems in medical environments.

FCC B Class

This device conforms to requirements of Federal Communications Commission (FCC). Its operation is restricted by the following two conditions: (1) This device must not generate harmful interference; and (2) This device must be able to resist any interference, including interference that may cause unnecessary operation. This device is tested and proven to meet the restrictions on Class B digital devices in Part 15 of FCC regulations. These restrictions are intended to provide reasonable protection against harmful interference when the device is used in residential installation environments.

This device can generate, utilize, and radiate RF energy. If it is not installed and used according to this manual, it may cause harmful interference to radio communication. However, we do not guarantee that this device will not cause interference under specific installation environments. If this device does cause interference to radio or monitor reception (which can be judged by turning on and off the device), it is recommended that you take one or more of the following measures to eliminate the interference:

- Adjust the direction or position of the receiving antenna.
- Keep this device away from the receiving devices.
- Plug the device into the socket of another line and separate it from the line to which the receiving device is connected.
- Consult your agent or experienced radio/monitor technician for help.

Environmental Protection Information

Environmental Protection Information

Chinese Mainland RoHS

- The LCD monitor meets the environmental protection requirements of the *Administrative Measures for Limiting the Use of Hazardous Substances in Electrical and Electronic Products*.
- During its environmental-friendly service life, the LCD monitor does not cause leakage and precipitation of harmful substances and other problems affecting the health of users in the process of use, so it can be used safely.
- Waste recycling precautions

If the LCD monitor is no longer required or has reached the end of its service life, please abide by the laws and regulations on recycling and treatment of waste electrical and electronic products of your country, and send the LCD monitor to the local manufacturer with state qualification of waste recycling and treatment. The recycling manufacturer shall properly dispose of the components containing harmful substances.

- Environmental-friendly service life

The environment protection service life mark printed on the nameplate and storage box of this product indicates that the environment protection service life of electrical and electronic products is 10 years.

Environmental-friendly
service life identifier



Names and content of harmful substances in the LCD monitor

Component	Harmful Substance					
	Lead and Its Compounds	Mercury and Its Compounds	Cadmium and Its Compounds	Hexavalent Chromium Compounds	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl Ethers (PBDE)
Circuit board assembly	X	○	○	○	○	○
LCD screen	X	○	○	○	○	○
Power cable and connection cable	X	○	○	○	○	○
Non-flame-retardant plastics and polymer components	○	○	○	○	○	○
Flame-retardant plastics and polymer components	○	○	○	○	○	○
Metal components	X	○	○	○	○	○

This table is prepared based on SJ/T 11364.
 ○ means that the content of the toxic and harmful substances in all the homogeneous materials of the components is below the limit requirements specified in GB/T 26572.
 X: The content of the harmful substance in at least one homogeneous material of the components exceeds the limits specified in GB/T 26572.

EU RoHS

- Directive 2011/65/EC restricts certain hazardous substances in electrical and electronic devices.
- According to the statement of the parts supplier, this product meets RoHS requirements.

Biological Hazards and Return

This device has specific structure, specifications, and manufacturing materials which are easy to wipe and clean, and is suitable for multiple purposes in hospitals and other medical environments where regular cleaning procedures are established. However, to prevent the spread of infectious agents, this device cannot be used in bio-polluted environments. Therefore, the risk of using this device in bio-polluted environments shall be borne by the customer alone. If this device is used under the condition that potential biological pollution is inevitable, the customer must purify every product to be returned to the seller (or authorized service provider) for maintenance, repair, rework, or fault inspection according to requirements in the latest edition of ANSI/AAM ST35 standard. The customer also must affix at least one yellow label on the top of the package of the returned product to indicate that the product has been purified. If the returned product does not provide such external purification label and/or such description is lost, the seller (or authorized service provider) may refuse to receive the product and ship it back to the customer, and the freight shall be borne by the customer.

Cleaning and Disinfection

❖ Note

- ☐ When cleaning the monitor, disconnect the power cable from the main power supply.
- ☐ Do not scratch the monitor surface with any hard or frosted material.
- ☐ Wipe off dust, fingerprints, or oil spills with a soft cloth (dip in a small amount of mild detergent).
- ☐ Dry the water drops immediately.

❖ Allowed Cleaning Solutions

- ☐ Alcohols (75% alcohol or 70% isopropanol)
- ☐ Glutaraldehyde (2.4%) solution
- ☐ Optical cleaning agents and similar products

Legal Disclaimer

Disclaimer

Although we have made every effort to ensure the technical accuracy of this document, we are not responsible for possible errors. We aim to provide you with a document as accurate and practical as possible. If you find any mistakes in the document, please inform us.

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Symbol Description

Symbols on the Device

On the device or power supply, you can see the following symbols (this list may not include all symbols):

	This device meets the requirements of EU MDR2017/745.
	This device meets the requirements of Part 15 of FCC regulations (Class A or Class B).
	This device has been certified by Canadian and American UL regulations.
	This device has been certified by CCC regulations.
	This device has been certified by KC regulations.
	USB connector on the device.
	Manufacturer information.
	Date of manufacturing.
	Temperature limit.
	Device SN.
	Category number.
	Warning: Dangerous Voltage.
	Caution: Refer to the documents delivered with the monitor.
	WARNING
	Refer to the user manual.
	Marked according to the EU Waste Electrical and Electronic Equipment (WEEE) Directions.

Symbol Description

	Direct current (DC).
	Power-on.
	Power-off.
	Grounding device.
	EU authorized representative information.
	The terminal of the device places different parts of the system at the same potential.
	Humidity limit.
	Atmospheric pressure limit.

Annex

Annex A Allowed Signal Formats

Analog Signal

Signal Format	Signal Input	
	VGA	YPbPr
480/60p	○	○
576/50i	×	○
576/50p	○	○
720/59.94p	○	○
720/60p	○	○
720/50p	○	○
1080/59.94i	×	○
1080/60i	×	○
1080/50i	×	○
1080/50p	○	○
1080/60p	○	○

Digital Signal

Signal Format	Signal Input		
	SDI	DVI-D 1	DVI-D 2
480/60p	-	○	○
576/50p	-	○	○
720/59.94p	○	○	○
720/60p	○	○	○
720/50p	○	○	○
1080/59.94i	○	○	○
1080/60i	○	○	○
1080/50i	○	○	○
1080/50p	○	○	○
1080/60p	○	○	○

Analog PC Signal

VESA DMT					
Number of Pixels	Dot Clock [MHz]	Line Frequency [kHz]	Field Frequency [Hz]	Sync Polarity	
				Horizontal	Vertical
640 x 480 60 Hz	25.175	31.469	59.940	Negative	Negative

Annex

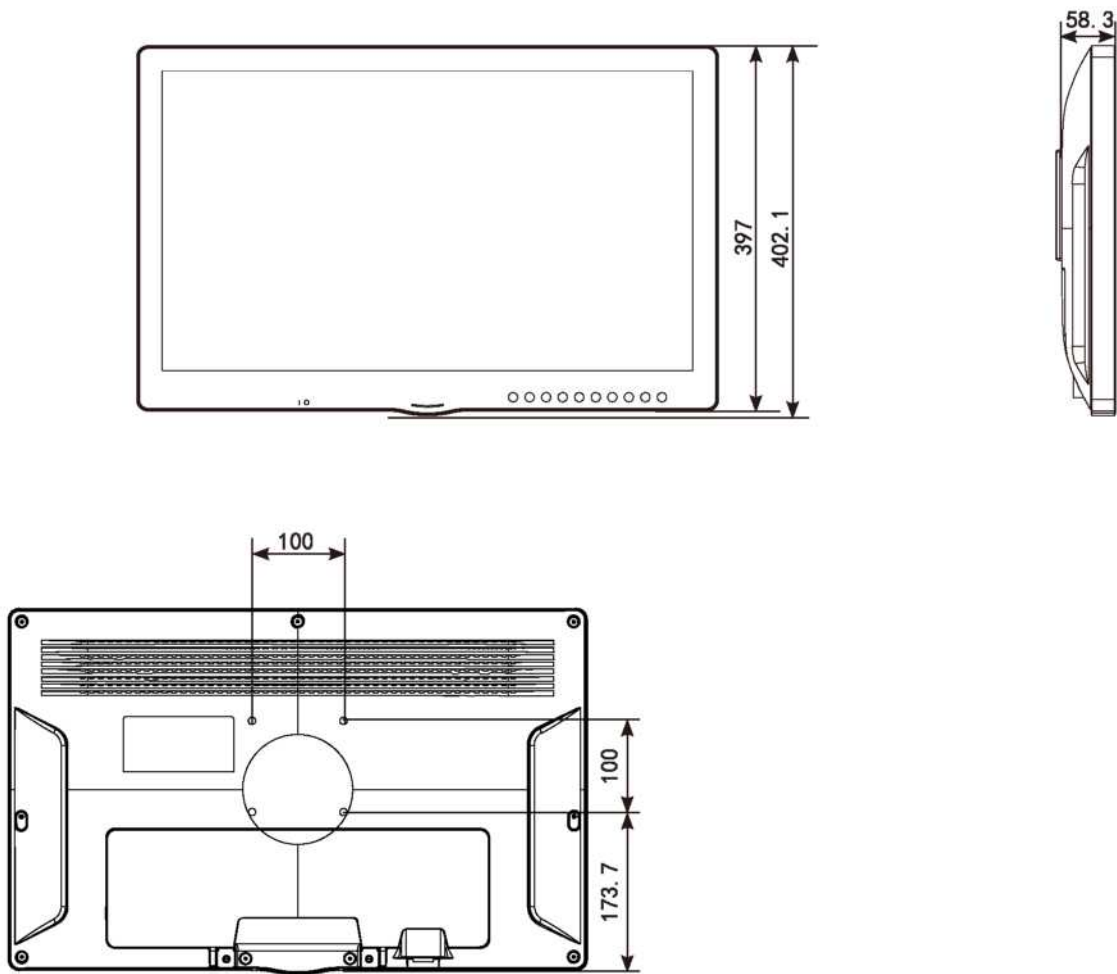
				polarity	polarity
800 x 600 56 Hz	36.000	35.156	56.250	Positive polarity	Positive polarity
800 x 600 60 Hz	40.000	37.879	60.317	Positive polarity	Positive polarity
800 x 600 72 Hz	50.000	48.077	72.188	Positive polarity	Positive polarity
800 x 600 75 Hz	49.500	46.875	75.000	Positive polarity	Positive polarity
800 x 600 85 Hz	56.250	53.674	85.061	Positive polarity	Positive polarity
1024 x 768 60 Hz	65.000	48.363	60.004	Negative polarity	Negative polarity
1024 x 768 70 Hz	75.000	56.476	70.069	Negative polarity	Negative polarity
1024 x 768 75 Hz	78.750	60.023	75.029	Positive polarity	Positive polarity
1024 x 768 85 Hz	94.500	68.677	84.997	Positive polarity	Positive polarity
1152 x 864 75 Hz	108.000	67.500	75.000	Positive polarity	Positive polarity
1280 x 960 60 Hz	108.000	60.000	60.000	Positive polarity	Positive polarity
1280 x 1024 60 Hz	108.000	63.981	60.020	Positive polarity	Positive polarity
1600 x 1200 60 Hz	162.000	75.000	60.000	Positive polarity	Positive polarity

VESA CVT					
Number of Pixels	Dot Clock [MHz]	Line Frequency [kHz]	Field Frequency [Hz]	Sync Polarity	
				Horizontal	Vertical
800 x 600 60 Hz	35.500	36.979	59.837	Positive polarity	Negative polarity
1024 x 768 60 Hz	56.000	47.297	59.870	Positive polarity	Negative polarity
1280 x 960 60 Hz	85.250	59.201	59.920	Positive polarity	Negative polarity
1600 x 1200 50 Hz	132.375	61.742	49.994	Negative polarity	Positive polarity
1600 x 1200 60 Hz	130.375	74.077	59.981	Positive polarity	Negative polarity

Annex

1360 x 768 50 Hz	69.500	39.489	49.922	Negative polarity	Positive polarity
1360 x 768 60 Hz	84.625	47.649	59.936	Negative polarity	Positive polarity
1360 x 768 60 Hz	72.000	47.368	59.960	Positive polarity	Negative polarity
1920 x 1080 50 Hz	141.375	55.572	49.975	Negative polarity	Positive polarity
1920 x 1080 60 Hz	138.625	66.647	59.988	Positive polarity	Negative polarity
1920 x 1200 50 Hz	158.000	61.719	49.975	Negative polarity	Positive polarity
1920 x 1200 60 Hz	154.125	74.099	59.999	Positive polarity	Negative polarity
1280 x 1024 60 Hz	91.000	63.194	59.957	Positive polarity	Negative polarity
1280 x 768 50 Hz	65.125	39.518	49.959	Negative polarity	Positive polarity
1280 x 768 60 Hz	80.125	47.693	59.992	Negative polarity	Positive polarity
1280 x 768 60 Hz	68.250	47.396	59.995	Positive polarity	Negative polarity
1280 x 768 75 Hz	102.875	60.091	74.926	Negative polarity	Positive polarity

Annex B Monitor Dimensions





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