



dahua C200 Series Monitor Display User Manual

[Home](#) » [Dahua](#) » dahua C200 Series Monitor Display User Manual 

Contents

- 1 dahua C200 Series Monitor Display
- 2 Safety Instructions
- 3 Operation Requirements
- 4 Maintenance Requirements
- 5 Packing List
- 6 Angle Adjustment
- 7 Button Description
- 8 Cable Connection
- 9 Menu Description
- 10 ECO Modes and Gameplus
- 11 Operation Menu (OSD) Function Descriptions
- 12 Product Specifications
- 13 Appendix 1 Troubleshooting
- 14 CONTACT
- 15 Documents / Resources
 - 15.1 References



dahua C200 Series Monitor Display



Foreword

General






This manual introduces the installation, functions and operations of the C200 series display equipment (hereinafter referred to as “the Device”). Read carefully before using the device, and keep the manual safe for future reference.

Models

This manual applies to Dahua C200 Series monitor models. For example DHI-LM22-C200, DHI-LM24- C200, DHI-LM27-C200.

Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
 DANGER	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
 CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
 TIPS	Provides methods to help you solve a problem or save time.
 NOTE	Provides additional information as a supplement to the text.

Revision History

Version	Revision Content	Release Time
V1.0.0	First release.	August 2022

Privacy Protection Notice

As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to comply with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures that include but are not limited to providing clear and visible identification to inform people of the existence of the surveillance area and provide required contact information.

About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions.
- For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.
- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of a final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective

owners.

- Please visit our website, and contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of a final explanation.

Important Safeguards and Warnings

This section introduces content covering the proper handling of the device, hazard prevention, and prevention of property damage. Read carefully before using the device, and comply with the guidelines when using it.

Operation Requirements

WARNING

- Do not tread on or squeeze the power line, especially the plug or connection point of the power line to the product
- Please firmly grasp the plug of the connecting line when inserting and removing it. Pulling the connecting line might cause damage to it.
- Turn off the power when cleaning the product.
- Do not touch any fixed components inside the product. Failure to do so can result in damage to the product or person.



- Make sure that the power supply of the device works properly before use.
- Do not pull out the power cable of the device while it is powered on.
- Only use the device within the rated power range.
- Transport, use and store the device under allowed humidity and temperature conditions.
- Prevent liquids from splashing or dripping on the device. Make sure that there are no objects filled with liquid on top of the device to avoid liquids flowing into it.
- Do not disassemble the device.
- Notice and observe all the warnings and illustrations.
- Make sure the power is turned off and the connecting lines are removed when moving the product. Do not use uncertified connecting lines, which might cause equipment failure.
- Avoid collisions with the product. This may cause equipment failure.
- Please turn off the power for safety if not using the product for a long time.


Installation Requirements

WARNING

- Connect the device to the adapter before power on.
- Strictly abide by local electrical safety standards, and make sure that the voltage in the area is steady and conforms to the power requirements of the device.
- Do not connect the device to more than one power supply. Otherwise, the device might become damaged.
- Do not hang or lean on the product. Doing so can cause the product to fall or become damaged.

- It may also cause injury to people. Pay special attention when children are nearby.
- If the product is installed on the wall, please make sure the wall's load-bearing capacity is sufficient. To avoid falling and injuring people, install according to the included instructions with mounting hardware.
- Do not put the product in a flammable or corrosive gaseous environment, which may cause fire or damage the product. Placing the product in proximity to flammable gas can easily result in a dangerous explosion.



- Observe all safety procedures and wear the required protective equipment provided for your use while working at heights.
- Do not expose the device to direct sunlight or heat sources.
- Do not install the device in humid, dusty or smoky places.
- Install the device in a well-ventilated place, and do not block the ventilator of the device.
- Use the power adapter or case power supply provided by the device manufacturer.
- The power supply must conform to the requirements of ES1 in IEC 62368-1 standard and be no higher than PS2. Note that the power supply requirements are subject to the device label.
- Connect class I electrical appliances to a power socket with protective earthing.
- Do not block the ventilation opening. Install the product according to this handbook.
- Do not place any items on the product. The product may be damaged if foreign objects enter the internal unit.
- Failure to properly secure all screws during installation can result in a fall of the product. Ensure all mounting hardware and other installation accessories are properly secured during installation.
- Mounted height: < 2m.
-  Protective earthing terminal. The apparatus should be connected to a main socket outlet with a protective earthing connection.
- ~ Alternating Current.

Maintenance Requirements

WARNING

- Cut off power and the connecting line immediately and contact the after-sales service centre if the product or the connecting line is damaged for some reason. Continued use without maintenance might cause smoking or off-odour.
- Please turn off the power or unplug the power cable immediately if there is smoking, off-odor, or abnormal noise. Contact the after-sales service centre for maintenance after confirming there is no more smoke or odour. Further use could result in fire.



- Do not adjust, maintain or modify if you do not have appropriate qualifications.
- Do not open or remove the rear cover, box or cover board of the product. Please contact the dealer or after-sales service centre when in need of adjustment or maintenance.
- Only qualified service people can maintain. If the product gets any kind of damage, such as damage to the plug, foreign matter or liquid into the unit, exposure to rain or humidity, loss of function, or drop, please contact

the dealer or after-sales service centre.

- Be careful during the maintenance of the product even if the power is off. Some components are equipped with UPS and can continue to supply power which is dangerous to people.

Packing List

Figure 1-1 Packing list

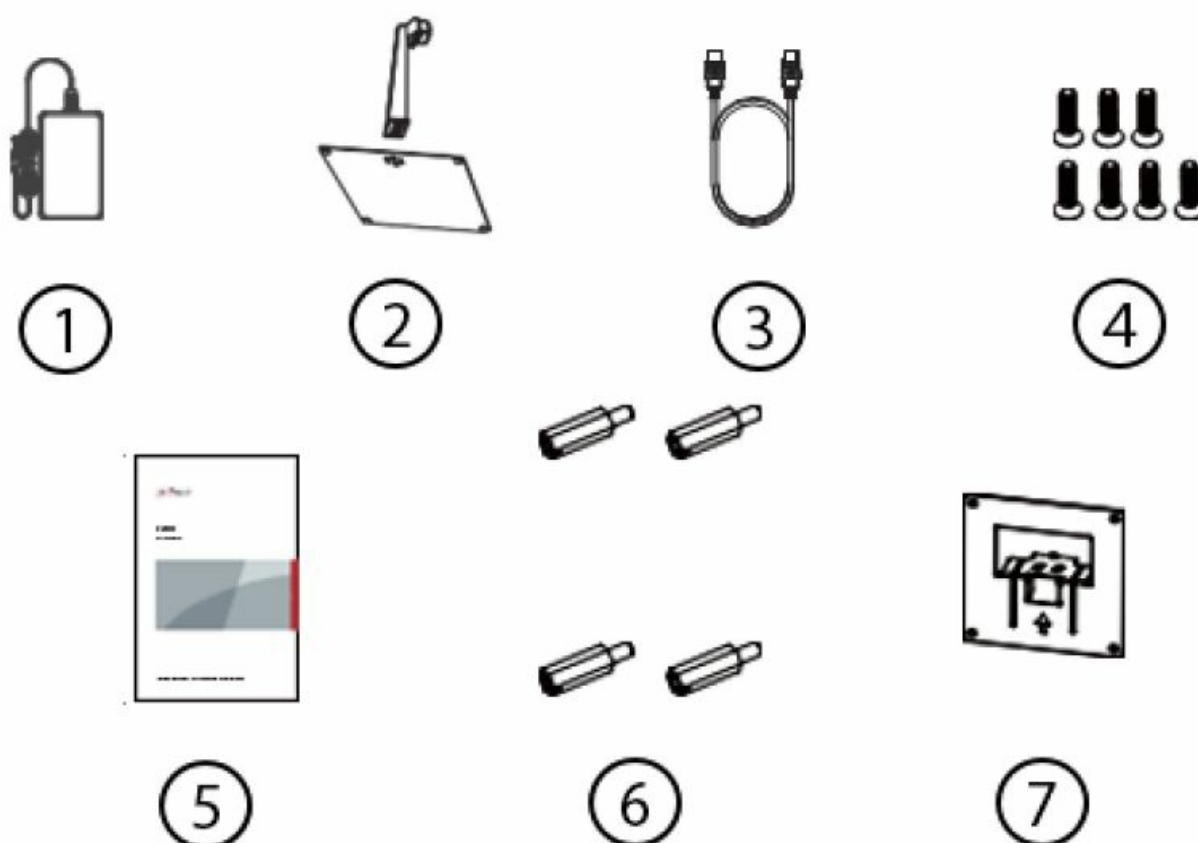


Table 1-1 Packing list

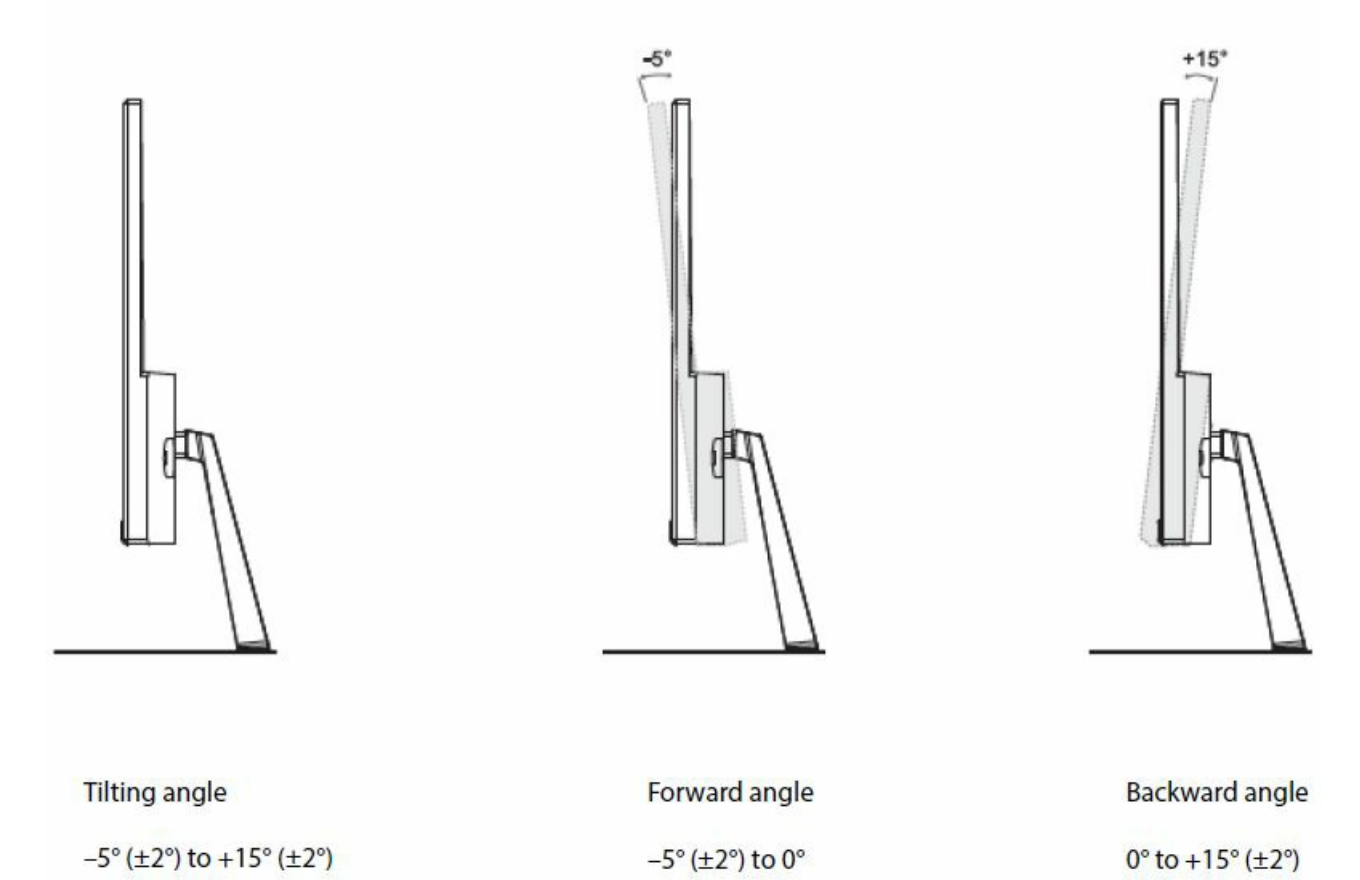
No.	Name
1	Power adapter
2	Base/Stand
3	Signal cable
4	Screws
5	User's manual
6	Mount stud
7	Mount adapter

The above figure is for illustration only and the physical accessories shall govern.

Angle Adjustment

The screen can be adjusted by inclining forward and backward; however, the specific adjustment depends on the specific model of the device. Generally, it may be inclined $5\pm2^\circ$ forward and $20\pm2^\circ$ backward.

Figure 2-1 Angle adjustment



- When adjusting the angle of the monitor, be sure not to touch or press the area of the screen.
- The above figure is for illustration only and the physical accessories shall govern.

Button Description

Figure 3-1 Angle adjustment

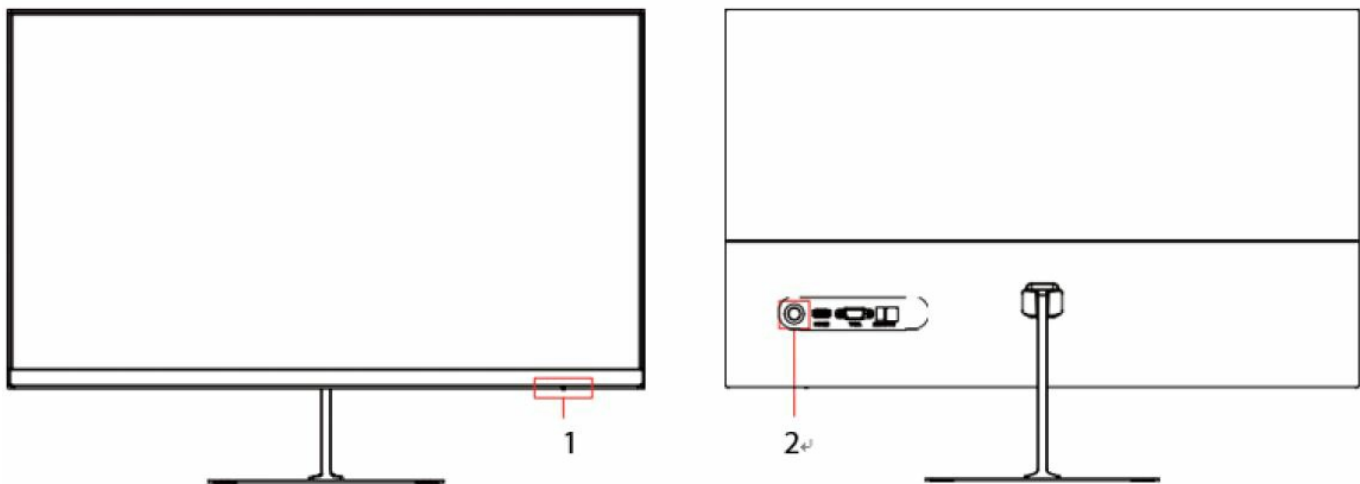








Table 3-1 Button Description

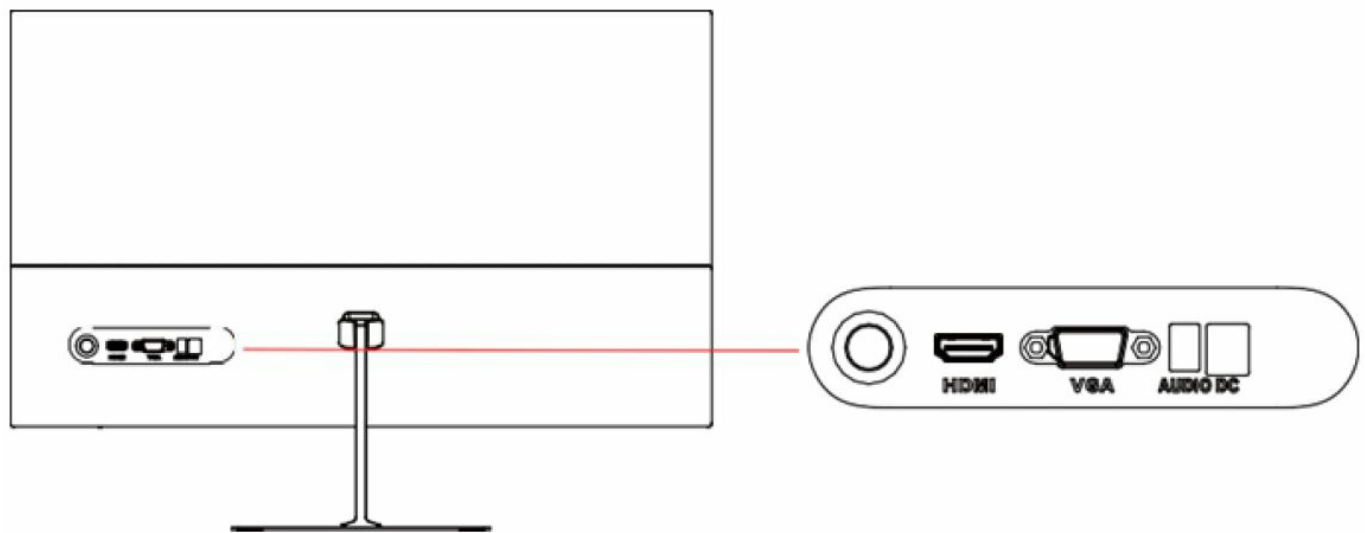
No.	Name	Description
1	LED indicator light	<p>The light is blue when the screen is turned on.</p> <p>The light is red when the screen enters energy-saving mode.</p> <p>The light is off when the screen is turned off.</p>
2	OSD/Power button.	Press the button to turn on the monitor.

Table 3-2 OSD Buttons

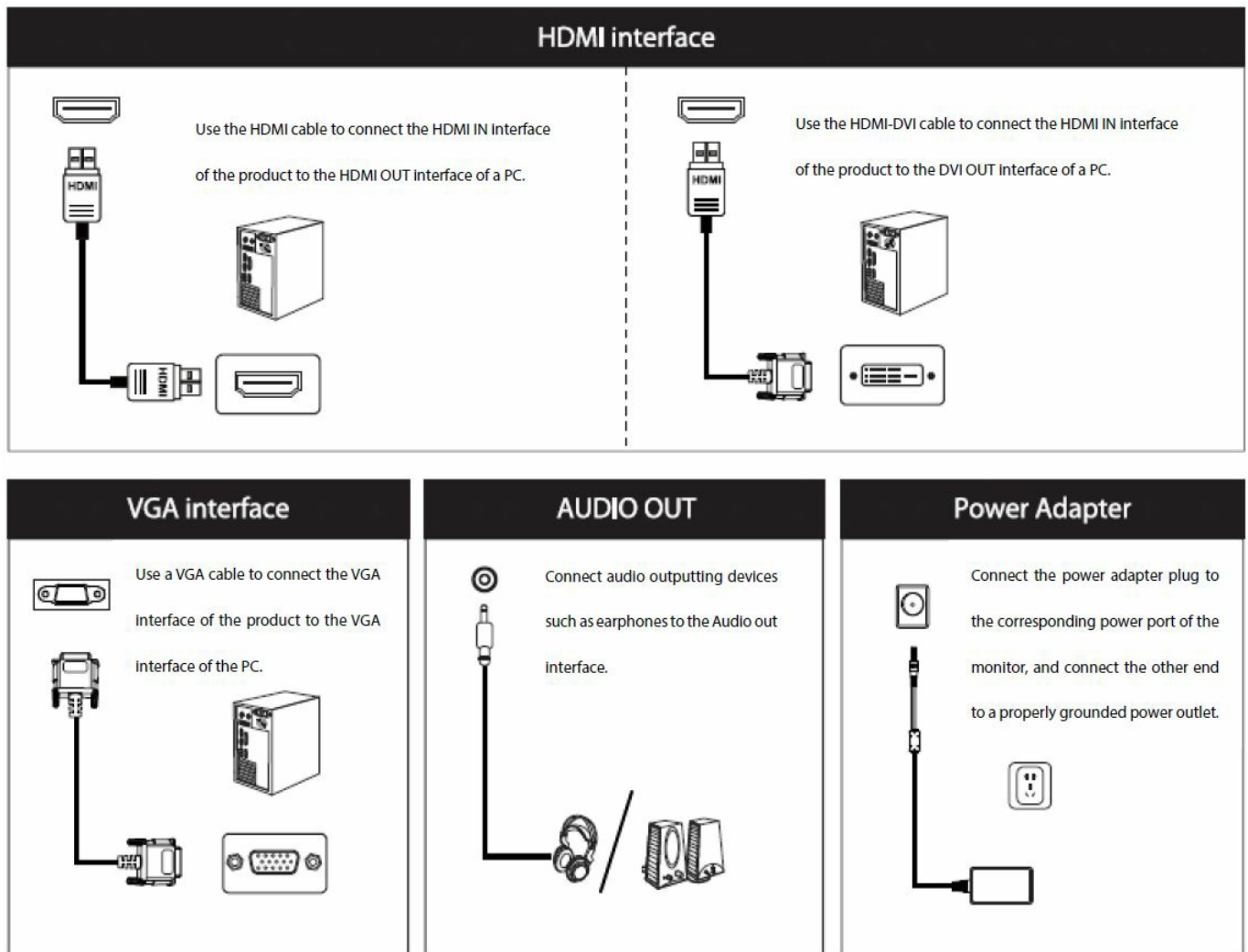
OSD Button	Function
	Up rocker button: The rocker is used to quickly enter the Monitor Control panel.
	Rocker switch button: press to turn on/off the monitor.
	Left rocker button: Exit the menu interface.
	Downrocker button: Quickly enter the contextual mode.
	Right rocker button: Press to enter sub-menus/quickly enter the main menu.
	Up rocker button: The rocker is used to quickly enter the Monitor Control panel.

Cable Connection


Figure 4-1 Input and output ports



The above ports are for explanation only, and the specific ports are subject to the actual display.



Menu Description






- The colour and shape of the OSD menu of the actual computer may be slightly different from those shown in the figure.
- Specifications of the OSD menu may change with improvements of functions without prior notice.
- The on-screen display (OSD) menu can be used to adjust the settings of the monitor and is displayed on the screen after turning on the monitor and pressing the  button.



Step 1: Press one of the buttons to activate the browser screen.








Figure 5-1 Browser screen




Table 5-1 Browser screen description

Icon	Function
	Confirm and enter the main menu.
	Scene mode.
	Power switch.
	Game Crosshair.
	Exit the menu interface.

Step 2: Press  or  to browse through the functions.

- Select the desired function, then press the  button to enter the submenu
- Press  or  to browse the sub-menus, and then press  to confirm the selection of the desired function.
- Press  or  to select an option, then press  to confirm the setting and exit the current menu.

Step 4: Press  to exit the menu interface.

ECO Modes and Gameplus




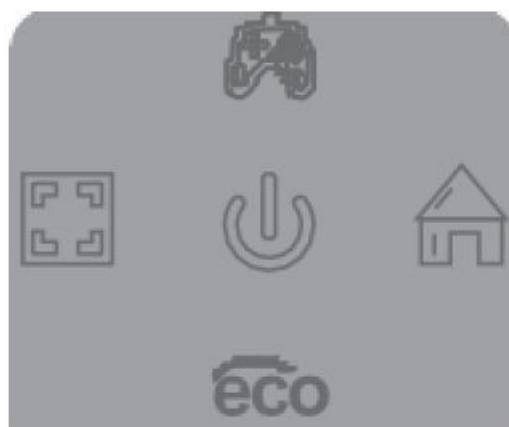
Step 1: Press any one of the buttons (M, , , E, ) to activate the navigation window.

Figure 6-1 Navigation window





Step 2: Press  to select  to switch ECO modes. These modes (STANDARD, MOVIE, RTS, FPS, GAME, and TEXT) can be used to optimize settings according to your activity. Standard mode is suitable for most activities.

Figure 6-2 Standard mode





Step 3: Press  to select  to switch Gameplus modes. Choose the crosshair icon best suited for your game. These game icons are primarily designed to optimize your aim during shooting games, though they can be used for other scenarios.

Figure 6-3 Gameplus



Operation Menu (OSD) Function Descriptions

The functions of the monitor vary with models, and the functions in this manual are for reference only.
Table 7-1 Menu description

Menu	Sub Menu	Value Range
	BRIGHTNESS	0-100

BRIGHTNES S	CONTRAST	0-100
	ECO	STANDARD/GAME/RTS/FPS/MOVIE/TEXT
	DCR	ON/OFF
IMAGE	H. POSITION	0-100
	V.POSITION	0-100
	CLOCK	0-100
	PHASE	0-100
	ASPECT	WIDE/AUTO/4:3
COLOR TE MP.	COLOR TEMP.	WIDE/AUTO/4:3
	RED	0-100
	BLUE	0-100
	GREEN	0-100
OSD SETTI NG	LANGUAGE	ENGLISH
	OSD H. POS.	0-100
	OSD V. POS.	0-100
	OSD TIMEOUT	5-100
	TRANSPARENCY	—
RESET	IMAGE AUTO ADJUST	—
	COLOR AUTO ADJUST	—
	RESET	None
	SIGNAL SOURCE	HDMI/VGA

MISC	MUTE	ON/OFF
	VOLUME	0-100
	LOW BLUE RAY	0-100
	OVERDRIVE	ON/OFF
	Adaptive-Sync	ON/OFF

Product Specifications

Product model		DHI-LM22-C200	DHI-LM24-C200	DHI-LM27-C200
Screen Size		21.45"	23.8"	27"
Aspect Ratio		16:9	16:9	16:9
Viewing Angle		178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
Contrast ratio		3000:1 TYP	3000:1 TYP	3000:1 TYP
Colours		16.7M	16.7M	16.7M
Resolution		1920 × 1080	1920 × 1080	1920 × 1080
Maximum refresh rate		75 Hz	75 Hz	75 Hz
Product Dimensions Lifting base	Without base	495.8 × 286.3 × 36.7 mm	542.4 × 323.1 × 38.5mm	616.3 × 364.3 × 38.7 mm
	With base	495.8 × 376.3 × 160.9 mm	542.4 × 402.8 × 160.9 mm	616.3 × 442.8 × 161mm
Speaker		N/A	N/A	N/A
Height range		N/A	N/A	N/A
Rotation angle		N/A	N/A	N/A
Vertical angle		N/A	N/A	N/A
Tilting angle		Forward tilting : 5° ± 2°; Backward tilting: 15° ± 2°		
Environmental conditions	Action	Temperature: 0 °C to 40°C (32°F to 104°F) Humidity: 10%–90% RH (non-condensing)		
	Storage	Temperature: –20 °C to +60°C (-4 °F to +140 °F) Humidity: 5%–95% RH (non-condensing)		

The actual application of the above parameters shall be subject to the specific model.


Appendix 1 Troubleshooting

Appendix Table 1-1 FAQ

Faults Occurring	Possible Solutions
The power indicator light is not on	<ul style="list-style-type: none"> ● Check if the power is on. ● Check if the power cord is connected.
Plug and play failed	<ul style="list-style-type: none"> ● Check if the function of plug-and-play of the device is compatible with PC. ● Check if the display card is compatible with the plug-and-play function.
Dimming picture	Adjust brightness and contrast.
Flickering picture or picture with ripples	There may be electrical appliances or equipment with electronic disturbance.
The power indicator light is on (flickering), but the monitor has no pictures.	<ul style="list-style-type: none"> ● Check if the PC power is on. ● Check if the PC display card is inserted properly. ● Check if the signal cable of the monitor is correctly connected with the PC. ● Check the signal cable plug of the monitor and make sure every pin has no bending. ● Observe the indicator light by pressing the Caps Lock key on the PC keyboard and check if the PC is working.
Color shortage (red, green and blue)	Check the signal cable of the monitor and make sure every pin has no bending.
The picture is not in the middle, or the size is not right	Hot key(AUTO)
Picture with color difference (white looks not white)	Adjust RGB color or reselect color temperature.
Screen font blur under VGA signal	Select E to automatically adjust the image.
Screen color error under VGA signal	Select Auto color in OSD to correct under the white output screen.

CONTACT

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 The image shows the cover of the Dahua C200 Series Monitor Display User's Manual. It features the Dahua logo at the top left, followed by the text 'C200 Series Displays' and 'User's Manual'. Below this is a graphic of a monitor displaying a blue and white abstract design. At the bottom, it says 'DAHUATECHNOLOGY CO., LTD.' and '10-12'.	<p>dahua C200 Series Monitor Display [pdf] User Manual</p> <p>DHI-LM22-C200, DHI-LM24C200, DHI-LM27-C200, C200 Series Monitor Display, C200 Series, Monitor Display, Display</p>
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References

- [User Manual](#)