HIKVISION

Monitor

User Manual

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Applicable Models

This manual is applicable to the model: Monitor.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
Note	Provides additional information to emphasize or supplement important points of the main text.
Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Instructions

● Caution: The device may generate radio interference in indoor environment. Necessary precautions may be required.

● In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.

● Input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source with 100 to 240 VAC or 12 VDC according to the IEC60950-1 standard. Please refer to technical specifications for detailed information.

● CAUTION: Replace the fuse only with the same model to reduce the risk of fire or electric shock.

● The device must be connected to an earthed mains socket-outlet.

● Make sure that the power has been disconnected before you wire, install, or disassemble the device.

● CAUTION: This device is for use only with specified bracket (Hikvision's monitor stand). Use with other (carts, stands, or carriers) may result in instability causing injury.

● To prevent possible hearing damage, do not listen at high volume levels for long periods.

● If the device is not working properly, contact the store where the device was purchased or the nearest service center and do not remove or modify the device in any way. (Our company is not responsible for problems caused by unauthorized modifications or repairs.)

Caution

● The device shall not be exposed to water dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the equipment.

- Ensure correct wiring of the terminals for connection to an AC mains supply.

- The device has been designed, when required, modified for connection to an IT power distribution system.

- ⊞⎯ identifies the battery holder itself and identifies the positioning of the cell(s) inside the battery holder.

- \+ identifies the positive terminal(s) of equipment which is used with, or generates direct current. - identifies the negative terminal(s) of device which is used with, or generates direct current.

- No naked flame sources, such as lighted candles, should be placed on the equipment.

- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc. The openings shall never be blocked by placing the equipment on a bed, sofa, rug or other similar surface.

- Keep product surface clean and dry. Do not operate in humid or explosive environment.

- Avoid contact with exposed circuits. Do not touch exposed contacts or components when powering on the product.

- The USB port of the device is used for connecting to a mouse, a keyboard, or a USB flash drive only.

- Install the device according to the instructions in this manual.

- To prevent injury, this device must be securely attached to the floor/wall in accordance with the installation instructions.

- Do not cause objects to fall on the device or shake the device vigorously, and keep the device away from areas where magnetic field interference exists. Avoid installing the device in a place where the surface vibrates or is vulnerable to shock.

- Do not install the device at high temperatures (above 40 °C) or low temperatures (below - 10 °C) or high humidity.

- Keep vertical when moving or using the device.

- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.

CONTENTS

Chapter 1 Product Introduction

1.1 Buttons on the Front Panel

Buttons on the front panel of the device are shown as follows.

Figure 1-1 Buttons on the Front Panel

Tablet 1-1 Button Description

Button	Description
⬭	Power Supply Indicator
⏻	Turn On/Off
⧉	• MENU and Signal Source page: Exit MENU and Signal Source page. • Other pages: Show MENU page.
⧉	• Show the current signal source • Other pages: Confirm
⟨ ⟩	MENU secondary page: Add or Decrease the value
⊒	• Show all signal sources on screen. • Other pages: Switch to the next page.

1.2 Interfaces on the Rear Panel

The interfaces that may be found on the rear panel of the device are defined as follows.

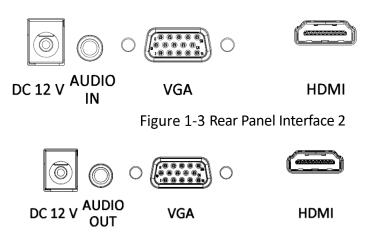VGA   HDMI

Figure 1-2 Rear Interface 1

Figure 1-3 Rear Panel Interface 2

Figure 1-4 Rear Panel Interface 3

Table 1-2 Interface Description

Interface	Description	Interface	Description
DC 12 V	DC adapter interface	VGA	VGA analog signal input
AUDIO IN	3.5 mm Audio input interface	HDMI	HDMI digital signal input
AUDIO OUT	3.5 mm Audio input interface		

Note

- The device supports power adapter to power on.
- The figures are for reference only. The actual device prevails.

Chapter 2 Installation and Power On

[i]**Note**

The installation drawings are for reference only.

2.1 Install the Square Base

Step 1 Gently lift the device. Place the screen down on a stable surface covered with a thick soft cloth so that the bottom of the device is close to the edge of the surface for mounting the bracket.
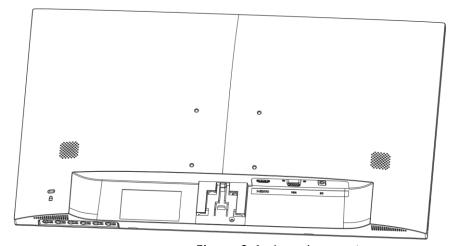

Figure 2-1 Place the Monitor

Step 2 Take out the bracket, cable ties, and square base from the packing box. Align the cable ties with the holes in the bracket and insert the cable ties into the bracket. Then align the bracket with the buckle on the base and fix the bracket clockwise.
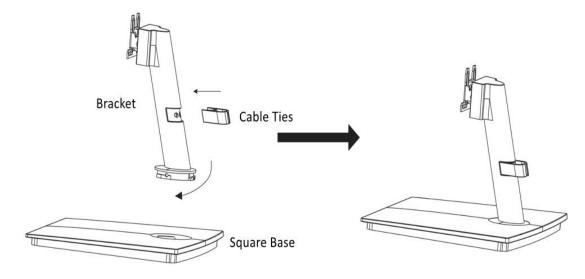

Figure 2-2 Fix the Bracket with the Square Base

Step 3 Align the metal parts on the bracket of square base with the slots at the back of the device and insert them.
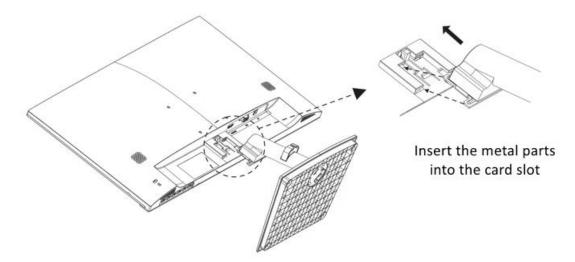

Figure 2-3 Insert the Metal Parts

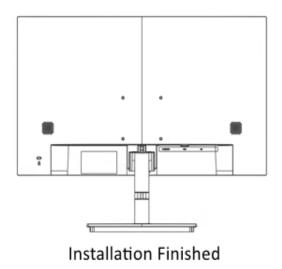Step 4 Installation finished.

Figure 2-4 Fix the Bracket with the Device

Step 5 (Optional) To remove the square base, perform the following operations.

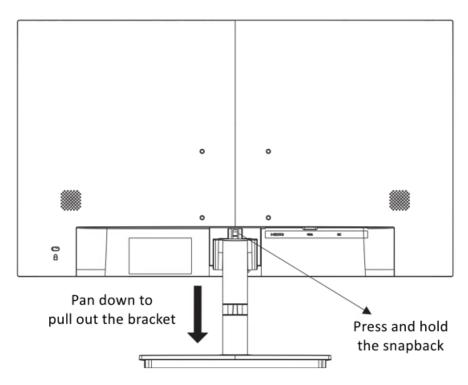1) Press and hold the snapback on the back of the device, pan down and pull out the bracket.

Figure 2-5 Remove the Device and Bracket

2) Fasten the buckle at the bottom of the base with your finger, and rotate the bracket in the direction indicated by OPEN to remove it from the square base.
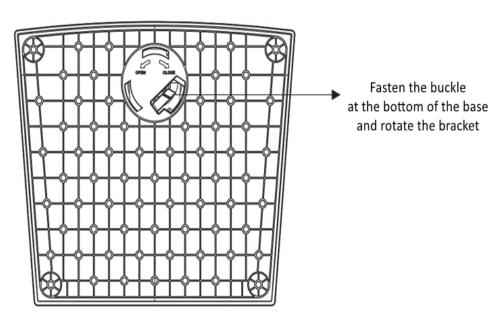

Figure 2-6 Remove the Bracket from the Square Base

2.2 Install the Herringbone Base

Step 1 Gently lift the device and place the screen down on a stable surface covered with a thick soft cloth so that the bottom of the device is close to the edge of the surface for mounting the bracket.
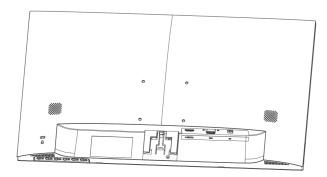

Figure 2-7 Place the Device Flatly

Step 2 Take out the bracket and the herringbone base from the packing box, and insert the bracket downward into the grooves of the herringbone base.
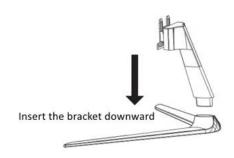

Insert the bracket downward

Figure 2-8 Install the Bracket

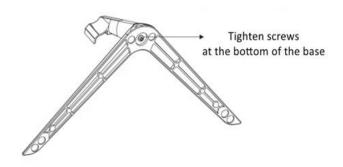Step 3 Tighten screws at the bottom of the base to secure the bracket to the base.

Tighten screws
at the bottom of the base

Figure 2-9 Tighten Screws

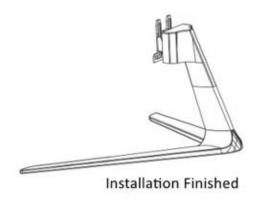Step 4 Install the bracket on the herringbone base.

Installation Finished

Figure 2-10 Install the Bracket on the Herringbone Base

Step 5 Fix the bracket with the device. For details about how to secure a square base, see 2.1 Step 3.

Step 6 If the herringbone base needs to be removed, remove the bracket and device in the same way as the square base. For details, see 2.1 Step 5. When removing the bracket and base, loosen the screws at the bottom of the herringbone base and lift out the bracket.

2.3 Power On the Device

After connecting the adapter, plug the device into a well-grounded bar and turn on the switch to power on.

⚠ **Caution**

● Adapter uses power supply: DC 12 V, 2 A.

● If you do not use the device for a long time, turn off the display switch and remove the power plug from the power socket.

Chapter 3 Basic Operations

The user interface may vary depending on the device model. The following image is used as an example.

3.1 Select the Signal Source

Connect the power cable and confirm that there is a video signal input, turn on the display.

Step 1 Press ⇥ and show the signal source menu.

Figure 3-1 Select the Signal Source

Step 2 Press ⇥ again to select the signal source and press ⟳ to confirm.

3.2 Main Menu

Table 3-1 Operation Description

Operation	Description
Enter MENU page	Press ⧉ to enter the main menu page.
View the first-level MENU	On the main menu page, press ⇥ to switch to the different first-level menu.
View Parameters	On the first-level menu page, press ⟳ to enter the right-side parameters page.
Adjust Parameters	• Press ＜ or ＞ to adjust the value of the current parameter and press ⟳ to confirm. • Press ⇥ to switch to other parameters on the current page.

Back to the upper-level menu	Press ⧉ to return to the upper-level menu on any page.

3.2.1 Image Settings

You can switch picture modes and adjust image parameters including contrast, brightness, saturation, sharpness, and hue. The adjustable parameters will change when you switch picture modes.
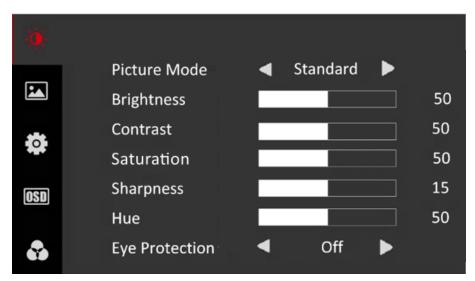

Figure 3-2 Image Settings

Table 3-2 Image Parameters

Parameter	Description
Picture Mode	● **Standard**: Suitable for a normal environment. It is the default picture mode. ● **Soft**: Suitable for a dark room. ● **Dynamic**: Suitable for a bright room. ● **User**: Customize the brightness, contrast, color, sharpness or hue to adjust display effect.
Brightness	Ranges from 0 to 100. The higher the value is, the brighter the image will be.
Contrast	Ranges from 0 to 100. The higher the value is, the clearer the image will be
Saturation	Ranges from 0 to 100. The higher the value is, the more colorful the image will be.
Sharpness	Ranges from 0 to 30. Rise the value up to make the image more vivid.
Hue	Ranges from 0 to 100. It determines the contrast degree between the bright and dark.
Eye Protect	Off/Weak/Medium/Strong. It can effectively reduce blue light radiation, alleviate eye fatigue, and protect vision.

🔖**Note**

● Under other modes, only brightness and contrast are adjustable.
● Parameters in white bar are adjustable. If the parameter bar is gray, it indicates that the parameter is not adjustable under the current mode or input source.

3.2.2 VGA Settings

When you select VGA as the input source, you can adjust VGA parameters to make the picture shown in the correct position.
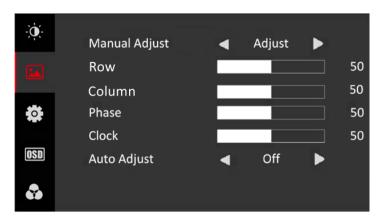

Figure 3-3 VGA Settings

Table 3-3 VGA Parameters

Parameter	Description
Manual Adjust	Adjust the size and position of the image. Press $\langle$ or $\rangle$ to enable or disable.
Row	Ranges from 0 to 100. Move the image position to the left or right.
Column	Ranges from 0 to 100. Move the image position to the top or bottom.
Phase	Ranges from 0 to 100. Adjust the value of **Phase** to change the image position in a slight extent at the horizontal level.
Clock	Ranges from 0 to 100. Change the value of **Clock** to stretch or narrow the image.
Auto Adjust	Off/On. If **Auto Adjust** is enabled, the related parameters will self-adjust under the following 3 circumstances. The device is restarted, a VGA input source is accessed, and the input source is switched to VGA. VGA parameters cannot be changed when Auto Adjust is disabled.

3.2.3 System Settings

You can change the settings of language, screen saver, volume, and other parameters on the system settings page. Volume settings is only available to part of the product models.
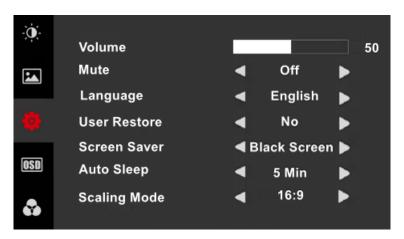

Figure 3-4 System Settings

Table 3-4 System Parameters

Parameter	Description
Volume	Ranges from 0 to 100. Adjust the volume of the monitor.
Mute	OFF/ON
Language	中 文 /English/한국어/ 日 本 語 / Русский /Deutsch/Italiano/Français/ Nederlands/Português/Español/Tiếng Việt/ Български/Magyar/Ελληνικά/Čeština/Slovenčina/ Polski/Română/Dansk/Svenska/Norsk/Suomi
User Restore	No/Yes. Restore default settings except Language.
Screen Saver	Black Screen/Blue Screen. The background color of the screen when there is no signal.
Auto Sleep	Off/30 S/1 Min/5 Min/10 Min/30 Min/1 H
Scaling Mode	16:9/4:3. Adjust the image scale: the ratio between the width and height of the image.

3.2.4 OSD Settings

OSD parameters concern the display effect of OSD, such as position, transparency, and rotation.
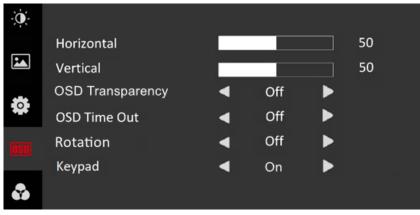

Figure 3-5 OSD Settings

Table 3-5 OSD Parameters

Parameter	Description
Horizontal	Ranges from 0 to 100. Adjust the OSD at the horizontal level.
Vertical	Ranges from 0 to 100. Adjust the OSD at the vertical level.
Transparency	Off/Weak/Medium/Strong. Adjust the transparent degree of the OSD.
OSD Time Out	Off/5 S/15 S/30 S/1 Min
Rotation	Off/On. If **Rotation** is enabled, the OSD will rotate 270 degrees clockwise, and the point (0, 0) represents the original point and is at the bottom-left corner.
Keypad	Set to **On** by default. If set to **Off**, OSD will change within 5 seconds. If there is no operation within 5 seconds, the system will exit OSD mode and you can press any button to see unlocking prompt. You can follow the prompt and hold Menu to unlock.

3.2.5 Software Version

Figure 3-6 Software Version

See Far, Go Further

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