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Monitor User Manual

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the ROHS Directive 2011/65/EU.



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is

marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

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

The mains plug of the equipment is used as disconnect devices, the socket-outlet shall be installed near the equipment and shall be easily accessible;

Note:

Forward tilt of the whole machine is not recommended in use; if there is a need for forward tilt, it is recommended that the forward tilt angle should not exceed 5 degrees.

TABLE OF CONTENTS

1.Introduction	1
1.1 Key Features.....	1
1.2 Power Supply Connection.....	1
2.Device Interfaces	2
3.Panel keys	2
4.Basic Operation	3

Chapter 1. Introduction

1.1 Key Features

- Supports 1920×1080 FHD display;
- User-friendly operation menu;
- Three image modes to adapt different environment;
- 1 channel HDMI 1.3 input interface;
- Supports software spread-spectrum technology to reduce EM radiation;
- Standby Power Consumption is lower than 0.5W;
- Viewing Angle: Horizontal 178° , Vertical 178° ;

1.2 Power Supply Connection

Insert the 3-pin power device into well-grounded socket and turn the rocker switch on.

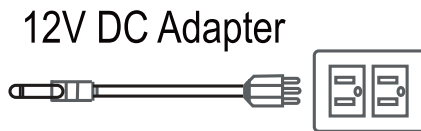


Figure 1.1 Power Input

- Turn off computer and unplug power cord.
- To plug pc and monitor adapter to the nearest socket.
- If the monitor is not used for a long time, the “POWER” switch of the monitor should be turned off and the adapter plug should be unplugged from the power outlet.

Chapter2. Device Interfaces

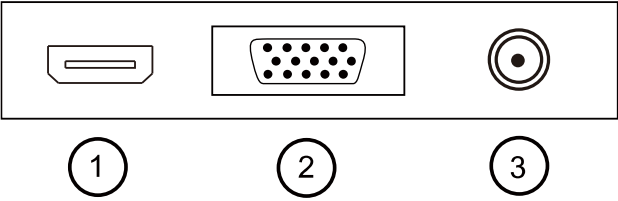


Figure 2.1 Rear Panel of Device

Interfaces	Interfaces
HDMI IN (1)	HDMI Digital Signal Input
VGA IN (2)	VGA Analog Signal Input
DC IN (3)	Power Input

Chapter3. Panel Keys

Keys on lower right corner of the display unit panel are shown in the Figure 3.1 Keys on the Display Unit.

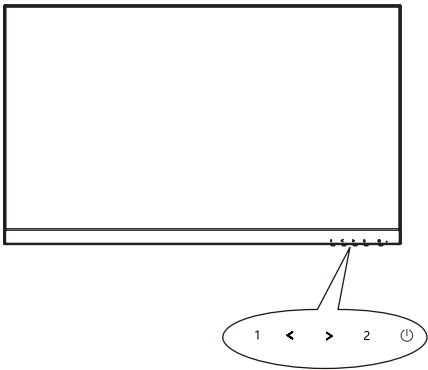


Figure 3.1 Keys on the Display Unit

The functions of the keys on lower right corner of the display unit vary according to different situations.

Chapter4. Basic Operation

4.1 Input Source Selection

Turn on the display unit when the power supply is on and input source is confirmed.

Press ◀ key of the remote controller to enter the menu as shown on the right. Monitor includes 2 input sources as HDMI and VGA signal. Press direction keys to select the input source and press 1 to accomplish the input source selection.



Figure 4.1 Input Source

4.2 Brightness

Press ▶ key of the remote controller to enter the menu as shown on the right. Press ◀ or ▶ to adjust the value of Brightness. Press 1 to finish adjustment.

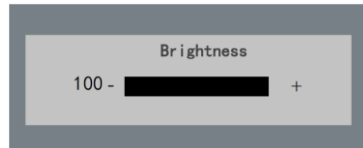


Figure 4.2 Brightness

4.3 Auto Adjust

Turn on the display unit when the power supply is on and input source is confirmed.

Press 2 key of the remote controller to enter the menu as shown on the right (In VGA Signal).



Figure 4.3 Input Source

4.4 Main Menu

4.4.1 Image Settings

Purpose:

You can adjust the picture parameters by switching image modes and adjust the values of contrast, brightness, color temperature, auto adjust, color adjust.

Steps:

1. Press **1** key to enter the main menu interface as shown below.
2. Press **1** key to enter the setting you want.
3. Press **◀** or **▶** to adjust the value. It applies for adjusting contrast, brightness, color temp and other parameters.



- Contrast, Brightness: Press **◀** or **▶** to set the contrast, the range varies from 0-100.
- Color temperature :Press **◀** or **▶** to set the color temperature you need.
- Gray indicates that under current mode or current input source condition it is not adjustable; Yellow indicates that it is adjustable.

4. Press **2** key to return to the main menu after accomplishing the adjustment.

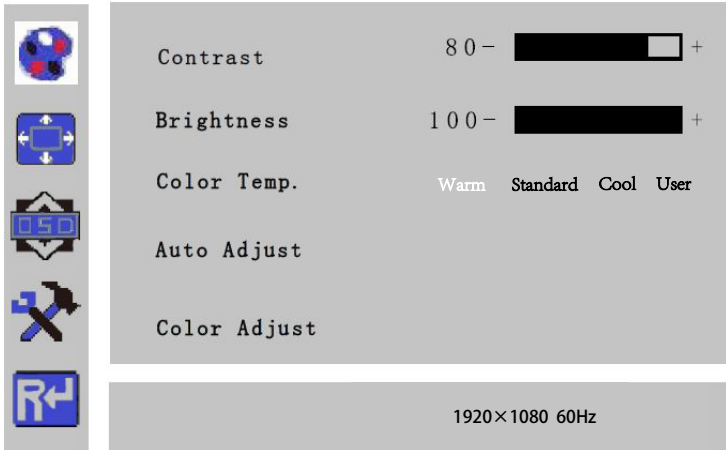


Figure 4.4.1 Image Settings

4.4.2 Image Adjustment

Purpose:

When the input source is selected VGA, you can adjust the VGA parameters. It is for adjusting VGA H position, V Position, clock and phase.

Steps:

1. Press **Menu** key to enter the main menu interface.
2. Press **◀** key to enter the VGA parameter setting interface. (You can select **Auto Adjust** and press **◀** or **▶** to adjust the VGA parameters automatically or adjust it manually)
3. Select **H Position** and press **◀** or **▶** to adjust the **H Position**
4. Select **V Position** and press **◀** or **▶** to adjust the **V position**.
5. Select **Clock** and press **◀** or **▶** to adjust the **clock**.
6. Select **Phase** and press **◀** or **▶** to adjust the **phase**.



The range of the adjustment varies between 0-100.

7. Press **1** key to return to the main menu after accomplishing the adjustment.

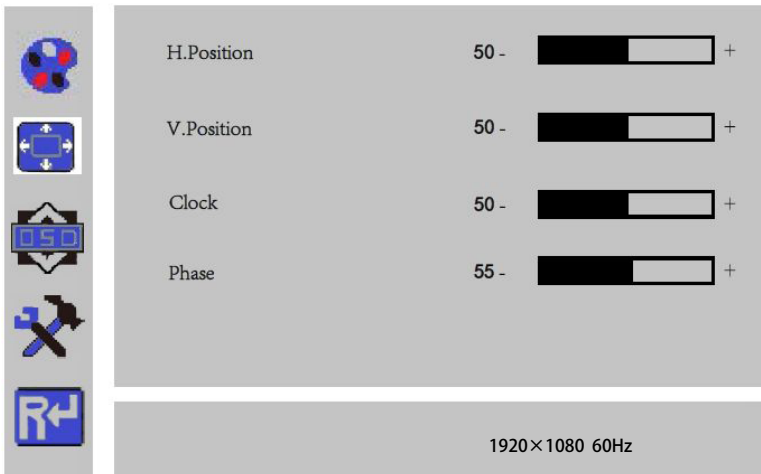


Figure 4.4.2 Image Adjustment

4.4.3 OSD Setting

Purpose:

You can set the language, blending and OSD duration of the menu.

Steps:

1. Press **1** key to enter the main menu interface.
2. Press **◀** key twice and press **1** key to enter the **【Language】** interface, press **◀** or **▶** to switch the language you want.
3. Select **OSD H.Pos/OSD V.Pos** to adjust the position of OSD with **◀** or **▶**.
4. Select **OSD Timer** to adjust the OSD duration with **◀** or **▶**: **5Sec~60Sec**.
5. Select **Transparency** to adjust the OSD transparency value with **◀** or **▶**.
6. Press **2** key to return to the main menu after accomplishing the adjustment.

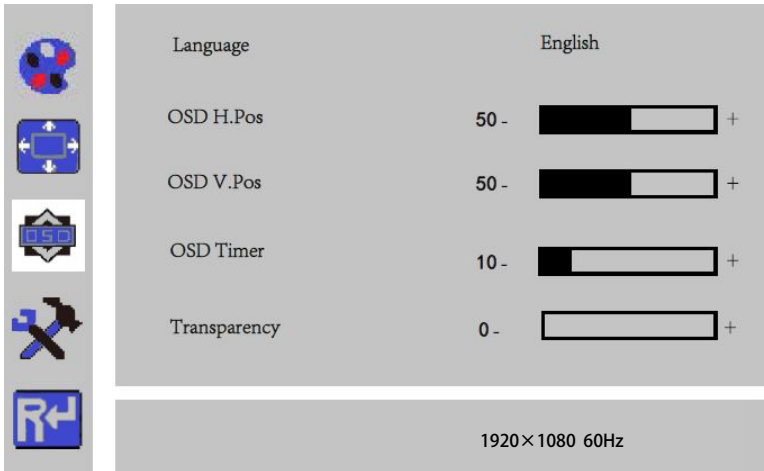


Figure 4.4.3 OSD Setting

4.4.4 Other Settings

Purpose:

You can set Mode, Audio Volume, Signal Source, Aspect Ratio, DCR.

Steps:

1. Press 1 key to enter the main menu interface.
2. Press triple ◀ key and press 1 key to enter the **Mode** interface, press ◀ or ▶ to switch the mode between **PC**/**GAME**/**MOVIE**.
3. Press ◀ or ▶ to change the **Signal Source** between **VGA** and **HDMI**.
4. Press ◀ or ▶ to switch the **Aspect Ratio** between **16:9**/**AUTO**/**4:3**.
5. Press ◀ or ▶ to switch the **DCR On/Off**.
6. Press 1 key to return to the main menu after accomplishing the adjustment.

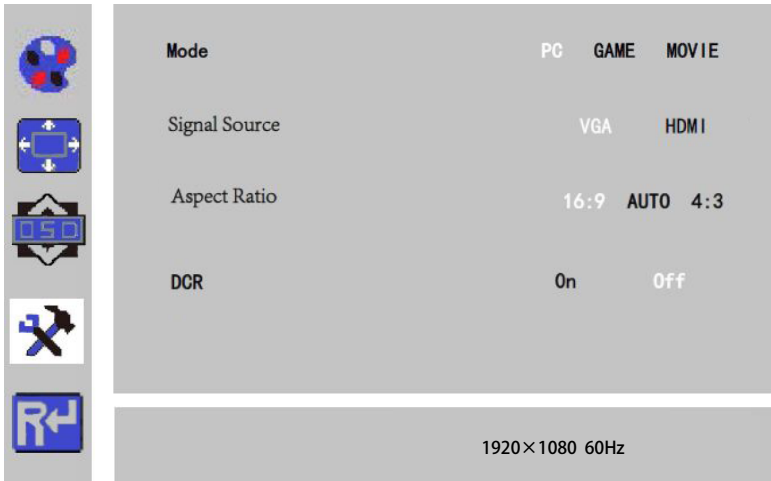


Figure4.4.4 Other Settings

4.4.5 Reset Setting

Purpose:

You can reset settings to the factory defaults.

Steps:

1. Press 1 key to enter the main menu interface.
2. Press ◀ key 4 times and press 1 key to reset settings to the factory defaults.

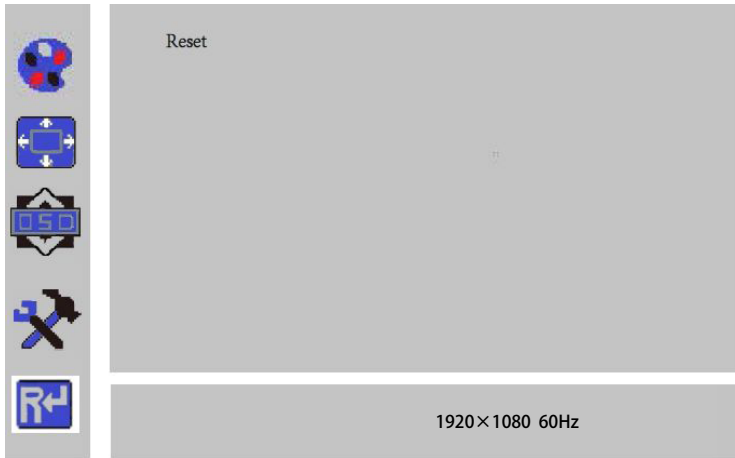


Figure 4.4.5 Reset Setting

