

# User Manual

250911

M153U Portable Monitor

## User Manual

How-to Videos

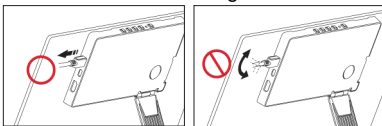


# Notices, Cautions & Warranty Exclusions

**Warning:** The sign alerts you to potential hazards that can hurt you or damage the product.

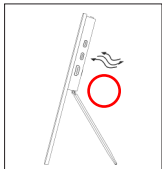
1. The monitor should display continuously changing images rather than displaying the same and a still image for a long time. If you need to use this monitor in an abnormal environment such as high temperature, high humidity, confined space, low atmospheric pressure, etc., please contact GeChic customer service center for further advice on usage environment.

2. When plugging in/out the cables, do make sure the force exerts in horizontal direction and do not shake the plug in vertical direction. Any damage caused by wrong plug urging is not included in the warranty coverage.



3. When the monitor is not charging the computer, the temperature of the rear casing is approximately 42-45°C. When the monitor is charging the computer, the casing temperature will rise by 5-8°C. Please make sure the monitor's operating environment is well-ventilated.

4. Monitor Cleaning Instructions: Unplug the power before cleaning. Use a soft cloth to clean the monitor. For stubborn dirt, lightly dampen the cloth with water or alcohol to clean the surface, and then use a dry cloth to remove any remaining moisture. Do not use corrosive acidic or alkaline solvents or cleaners on the screen, as these solvents may cause permanent damage to the screen or leave unremovable stains.



5. Do not expose the LCD panel to sunlight.

6. The product is not waterproof. Do not use this product in or near water.

7. It is recommended to adjust the monitor brightness according to the ambient lighting. This monitor can reach a brightness of 600 nits. For use in well-lit indoor spaces, if you need to view the monitor for extended periods at close range, it is suggested to set the brightness to "50."

8. Overusing the monitor may lead to vision damage. For every 30 minutes of screen time, take a 10-minute break for your eyes. Avoid allowing children under the age of 2 to watch the monitor, and limit screen time for children over 2 to no more than 1 hour per day.

9. Exclusions from Warranty Service: Please read the warranty terms below carefully, and follow the usage guide and precautionary notes. Please keep this manual for future reference. GeChic does not warrant uninterrupted or error-free operation of this Product. The warranty only covers failure / malfunction under normal use conditions during warranty period. The warranty does not apply to the following conditions:

- (1) The bar code has been removed or worn down, and cannot be identified.
- (2) This product has been modified, disassembled, or refitted.
- (3) Display works normally; only variation in appearance (e.g., ageing, attrition, scratch, color changing and etc.).
- (4) Any breakdown caused by power supply. (e.g., inputting power over rating voltage or unsteady current)
- (5) Any damage caused by disoperation or failure to follow this manual. (e.g., Plug or unplug cables in wrong direction and causing damage on cables or the monitor.)
- (6) Any damage caused by hitting or cracking monitor accidentally or purposely, or collapsing or overturning monitor.

# Monitor Parts Description

## ● Monitor Components and OSD Hotkey Functions

### ⏻ Power On/Off

Press once to turn on the monitor and press again to turn off the monitor.

**Reset:** Press and hold for 5 seconds to reset the OSD settings to default.

### LED Power Indicator

It shows **green light** when the monitor is "On" and shows **red light** when the monitor is "Standby". There is no light when the monitor is "Off".

### ➤ Exit

When using the OSD menu, press this button to unselect, exit, and return to previous page.

### ≡ Menu/Select

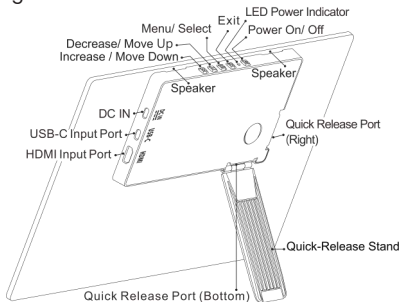
Press this button to open the OSD menu. While navigating, press it to confirm a selection and move to the next page. After adjusting settings, press it again to confirm and save.

### ➡ Decrease/Move Up

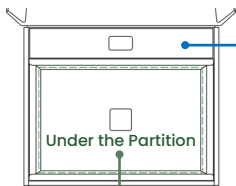
Open the OSD menu and press this button to browse options upward. Press and hold this button to continuously decrease.

### ⬆ Increase/Move Down

Open the OSD menu and press this button to scroll down. Hold to increase continuously.



## Standard Accessories



Sleeve(16A4)



HDMI-A Video Cable



USB Type-C Video Cable



Quick-Release  
Stand II



65W PD  
Power Adapter

## Optional Accessories

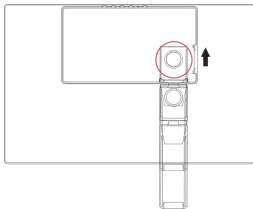
| Optional Accessory                                    | Description                                                                                                                                                                                          |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VESA 75 Quick-Release Wall Mount Plate II (for M153U) | One side has two screw holes (VESA 75), which can secure the plate to the wall or VESA arm. The other side has a quick-release plug that can be inserted into the quick-release port of the monitor. |
| USB Type-C Video Cable (2M)                           | Connect one plug to computer's USB-C (DP Alt Mode) port, and the other plug to the USB-C port of M1 monitor to transmit audio, video signals and power at the same time.                             |
| T1S5 Swivel Stand                                     | Supports horizontal and vertical display for T1 and M1 series monitors. The turntable allows for 360° rotation of the monitor, with stepless height and angle adjustments.                           |

## Use the Quick-Release Stand II

### ● Quick-Release Stand-Viewing in Landscape

#### 1. Insert the Stand

With the round button outward, insert the stand into the quick-release port (bottom hole) until the round button ejects.



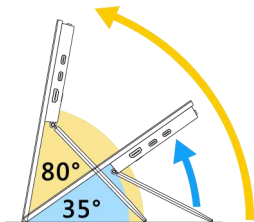
#### 2. Adjust Angle for Horizontal

Turn the Quick-Release Stand upward and adjust angles between 35°~80°.



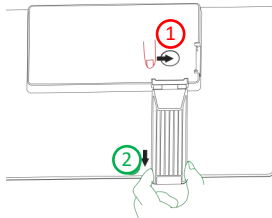
#### Warning

DO NOT adjust the angle of the monitor over 80° forward, or the monitor may fall forward and break.



#### 3. To Draw the Stand Out

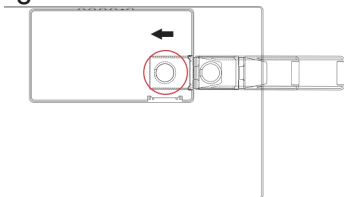
Press the round button with a thumb, and draw the stand out with the other hand.



## ● Quick-Release Stand- Viewing in Portrait

### 1. Insert the Stand

With the round button outward, insert the stand into the quick-release port (right hole) until the round button ejects.



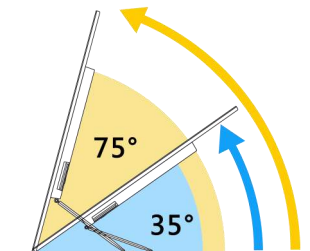
### 2. Adjust Angle for Vertical

Turn the Quick-Release Stand upward and adjust angles between  $35^{\circ}$ ~ $75^{\circ}$ .



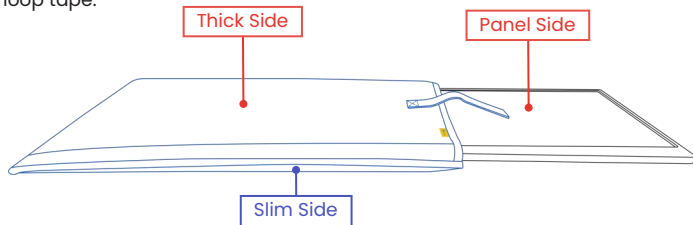
#### Warning

DO NOT adjust the angle of the monitor over  $75^{\circ}$  forward, or the monitor may fall forward and break.



## Use of 16A4 Sleeve

The Gechic label is on the FRONT of the sleeve, which is the thick side to protect the screen panel. Please put the **thick side** of the sleeve up, put the monitor into the sleeve with the panel upward, and then stick the hook and loop tape.



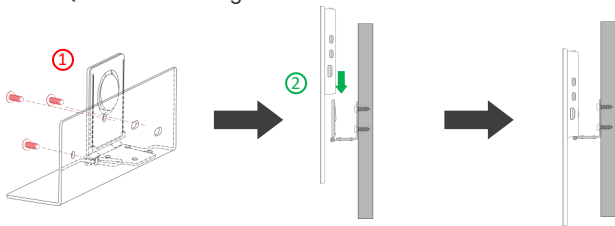
Caution! DO NOT put the monitor into the sleeve with its panel side toward the back of sleeve. The panel side must face the thick side of the sleeve to protect the panel from being broken.



Caution! Do not put items on the sleeve or hit the sleeve vigorously, otherwise the screen panel will be broken.

## Set Up VESA 75 Quick-Release Wall Mount Plate II (Optional)

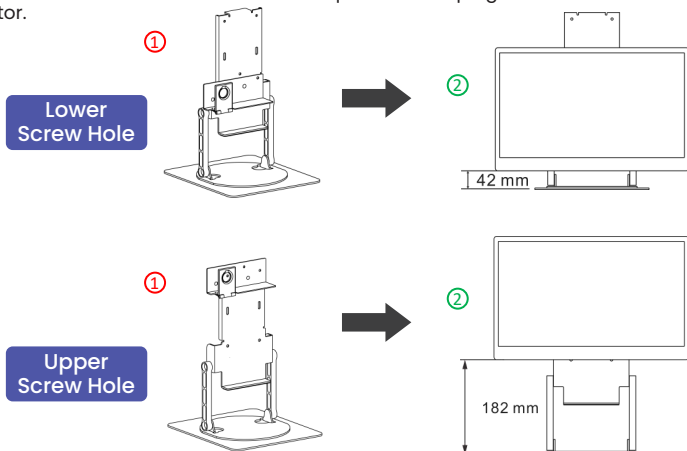
① Align the three screw holes on the bracket with the desired positions on the wall and secure them with screws, or use two sets of bolt and nut to align the two VESA 75 screw holes on the bracket with the VESA monitor arm and fasten securely. ② Next, align the Quick-Release Port of the M153U monitor with the Quick-Release Plug and insert it.



## Use T155 Swivel Stand (Optional)

### ● Set Up the Stand- Viewing in Landscape

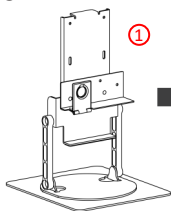
① Use two sets of M4 bolt and nut to secure VESA 75 Quick-Release Wall Mount Plate II (optional) onto any two horizontally aligned 75mm-spaced screw holes on the T155 Swivel Stand. ② Align the quick release bottom port on the back of the monitor with the quick release plug and insert the monitor.



## ● Set Up the Stand-Viewing in Vertical

① Use two sets of M4 bolt and nut to secure VESA 75 Quick-Release Wall Mount Plate II (optional) onto any two horizontally aligned 75mm-spaced screw holes on the TIS5 Swivel Stand.

② Align the quick release right port on the back of the monitor with the quick release plug and insert the monitor.

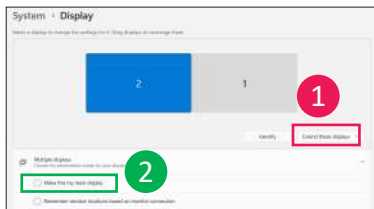


## Screen Rotation Hotkeys Setup

### ● Windows 11/10– Screen Rotation Hotkey (by Intel®)

#### 1. Set the Second Monitor as the Main Display

Enter [Settings] > [System] > [Display], you can change the display orientation of specified. Since the “screen rotation hotkey” only applies to the main display, if you wish to use the shortcut key functionality on the second monitor, ① set it to “Extend these displays”, ② click on display 2, and then check “Make this my main display”.



#### 2. Screen Rotation Hotkey Instruction

Search for and open [Intel® Graphics Command Center] on your computer. Enter [Hot Key Manager] to enable the System Hotkeys. This will allow you to change the main display orientation by pressing **Ctrl + Alt + any arrow key**. If you cannot find the rotation setting, please download the “Intel Graphics Command Center (Beta)” software from the Microsoft Store. Then, click on “System” and set “Enable System HotKeys” to “On” to activate the shortcut keys.

| Shortcut Keys  | Rotate to | Orientation         |
|----------------|-----------|---------------------|
| Ctrl + Alt + ▲ | 0°        | Landscape           |
| Ctrl + Alt + ► | 90°       | Portrait (flipped)  |
| Ctrl + Alt + ▼ | 180°      | Landscape (flipped) |
| Ctrl + Alt + ◀ | 270°      | Portrait            |

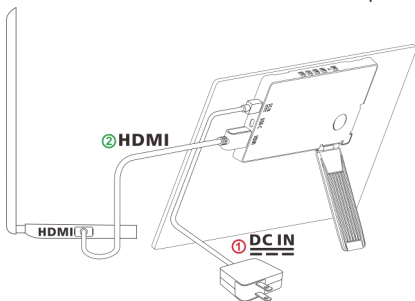
❓ **Screen Rotation Hotkey Doesn't Work?**

Scan to Learn More



## Connect to a PC by the HDMI Port

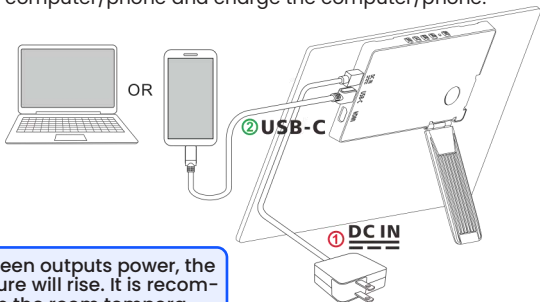
① Connect **65W PD Power Adapter** to the DC IN port of the monitor. ② Use the **HDMI-A Video Cable** to connect the PC to the HDMI port of the monitor.



## Connect to a PC by the USB Type-C Port

A. Use 65W PD Power Adapter to Power the Monitor and Charge the Computer/Phone

① Connect **65W PD Power Adapter** to the DC IN port of the monitor. ② Turn on the computer/phone first, and then use **USB Type-C Video Cable** to connect to the USB-C port of the monitor and a Thunderbolt 3 port on the computer/phone. After the connection is successful, the monitor can display images from the computer/phone and charge the computer/phone.



**i** When the screen outputs power, the body temperature will rise. It is recommended to keep the room temperature below 30°C with good ventilation.

**⚠ Notice!** The computer or phone must have a Thunderbolt 3 port and support DisplayPort Alternate Mode. A USB 3.0 port on the computer cannot output video to the monitor nor receive power from the monitor.

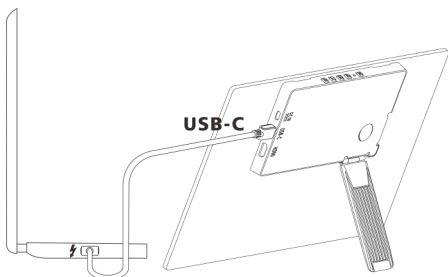
## B. Use the Thunderbolt 3 Port of computer to Supply Power to the Monitor (Low Power Mode)

① Please follow Step(A) to connect to the **65W PD Power Adapter** to MI53U monitor. Turn on the monitor, enter OSD menu, set "Low Power Mode" to "On" and press menu button to save. Press power button to turn the monitor off and unplug the cable.

② Use **USB Type-C Video Cable** to connect the USB-C port of the monitor and the Thunderbolt 3 port of the computer. The computer outputs power and video signals via the USB Type-C video cable. The Thunderbolt 3 port should output at least 2A current to the MI53U.

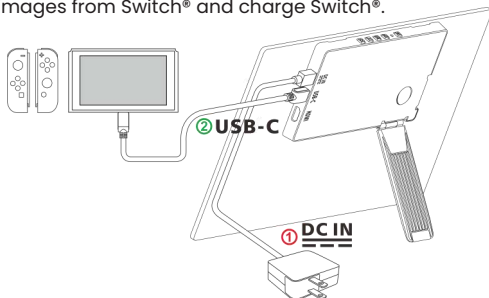
In Low Power Mode, the brightness of the MI53U is automatically set to "30" and the volume to "0," and these values cannot be adjusted manually.

If the computer's Thunderbolt 3 port cannot supply 2A current, the monitor will not function properly. In this case, please use the 65W PD power adapter to power the monitor.



## Connect to Nintendo Switch®

① Connect **65W PD Power Adapter** to the DC IN port of the monitor. ② Turn on Switch® and then use **USB Type-C Video Cable** to connect the USB-C port of monitor and Switch®. Once connected successfully, the monitor can display the images from Switch® and charge Switch®.



**i** The resolution of MI53U monitor is 3840×2160, but the maximum output resolution of the Switch® console is only 1920×1080. Therefore, after connecting to an external monitor, the display image on the monitor is only 1920×1080.

⚠ When using a power bank to supply power to the M153U monitor, the monitor's power is insufficient to output to the Switch® console. Therefore, the Switch® console will not output video signals via the USB-C port. Please output video signals through the HDMI port on the Switch® dock.

⚠ To use Joy-Con while Switch® console outputs video signals to the monitor, you must detach the Joy-Con from Nintendo Switch® console.  
⚠ After finishing the games, please unplug the USB Type-C video cable and then turn off Switch® console. Otherwise, the battery power of Switch® will run out gradually. Since the power supply is interrupted, the Switch® console will boot automatically and run out all the battery power by time.  
⚠ When Switch runs out of power, it cannot be connected to the monitor. Please insert the 65W PD power adapter into Switch® console to charge it for 10 minutes and then connect to monitor by following the steps above.

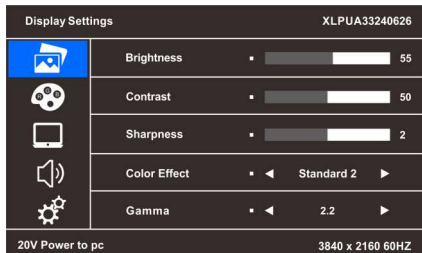
## OSD Menu Description

Press **≡** to open the OSD menu. Press **+** to move down, and press **-** to move up. Press **≡** to enter the next page. After changing the settings, you must press **≡** again to save the changes and press the **▶** to exit page by page.

### ● Display Settings

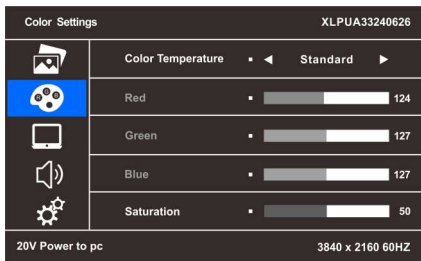
As shown in the Fig., enter "Display Settings" to adjust "Brightness", "Contrast", "Sharpness", etc.

1. Brightness: Adjustable from 0 to 100. When the low power mode is enabled, the maximum brightness will be limited to 30.
2. Contrast: Adjustable from 0 to 100. Contrast is the ratio of brightness between black and white colors; higher contrast leads to more vibrant color gradation.
3. Sharpness: Sharpness can be adjusted between 0 and 4, with higher values making the edges of images and text clearer.
4. Color Effect: If the output format of computer image is RGB Limited, it is recommended to select "Standard 1"; if it is RGB Full format, it is recommended to select "Standard 2". Select "Dark Highlight" mode to brighten up dark areas; select "Text" mode to make HTML text clearer.
5. Gamma: Four gamma curves (the transition curve from black to white) are available, with 2.2 being the recommended setting.



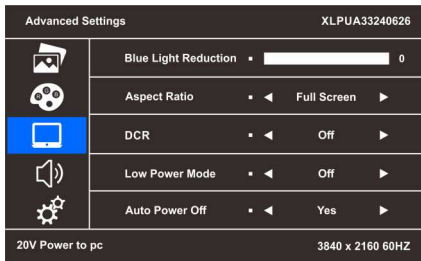
## ● Color Settings

1. Color Temperature: Select "Cool" to increase the blue color of the image; Select "Warm" to increase the red color of the image. Select "User" to adjust the RGB color settings manually.
2. Saturation: Adjustable from 0 to 100. The higher the value, the more vivid and rich the displayed colors will be.



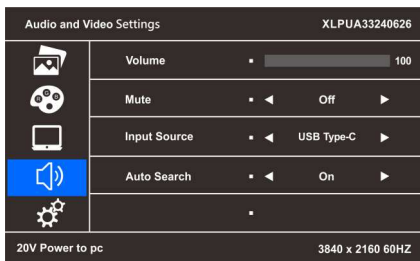
## ● Advanced Settings

1. Blue Light Reduction: Press **+** to increase the value and enhance the "Low Blue Light" effect.
2. Aspect Ratio: When "Full Screen" is selected, the image will display at full scale on the monitor. Selecting "16:9," "4:3," "5:4," or "1:1" will display the image according to the selected aspect ratio.
3. DCR: Dynamic Contrast Ratio. When DCR is "On", the monitor automatically adjusts brightness and contrast based on the screen content. When Low Power Mode is "On", DCR will automatically be set to "Off" and cannot be manually changed.
4. Low Power Mode: When "On" is selected, the monitor's brightness will be reduced to "30" and the volume to "0" for lower power consumption.
5. Auto Power Off: Select "Yes" to activate this function. When there is no image input, the monitor will enter standby mode, and power off itself after 270 seconds. The power button shall be pressed to turn on the monitor again. Select "No" to disable this function. The monitor will remain in standby mode and will not switch off the power.



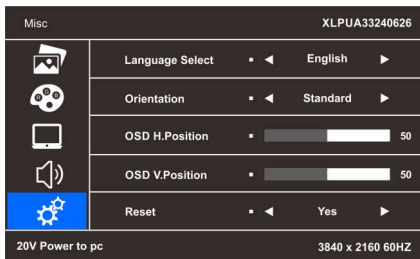
## ● Audio and Video Settings

1. Input Source: Select image input via HDMI or USB Type-C.
2. Auto Search: When "On" is selected, the monitor will detect two video input sources in sequence, and the monitor will show the first video input read. When "Off" is selected, only the video source selected in Input Source will be displayed. **If there is no such selected video input, the monitor will show "No signal" warning message, and won't detect other video sources.**



## ● Misc

1. Language Select: Change to the other language.
2. Orientation: Change the OSD window display orientation to "Standard/90°/180°/270°." e.g., when "90°" is selected, the OSD window will rotate 90 degrees clockwise.
3. OSD H Position: Move the OSD menu left/right.
4. OSD V Position: Move the OSD menu up/down.
5. Reset: Select "Yes" to restore factory settings.



# General Specification

| Spec                                  | M153U                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Panel                                 | Wide Screen 15.6 inch(16:9)                                                                                                                                                                                                                                                                                                                                               |
| Resolution                            | 3840 × 2160                                                                                                                                                                                                                                                                                                                                                               |
| Color Depth                           | 16.7M Colors                                                                                                                                                                                                                                                                                                                                                              |
| Brightness (Typ.)                     | 600 (cd/m <sup>2</sup> )                                                                                                                                                                                                                                                                                                                                                  |
| Contrast (Typ.)                       | 1200:1                                                                                                                                                                                                                                                                                                                                                                    |
| Viewing Angle                         | 170°(H)/170°(V)(CR>10)                                                                                                                                                                                                                                                                                                                                                    |
| Video Input Port                      | HDMI-A(HDMI 2.0)×1<br>USB Type-C(DP 1.2)(Power Delivery: 5V DC Input)×1                                                                                                                                                                                                                                                                                                   |
| DC IN Port                            | USB-C (Support PD 20V DC-Input)                                                                                                                                                                                                                                                                                                                                           |
| Speakers                              | 1.5W(Max.) ×2                                                                                                                                                                                                                                                                                                                                                             |
| Supports charging for laptops/phones. | Yes                                                                                                                                                                                                                                                                                                                                                                       |
| HDCP Compliance                       | Support HDCP 2.2                                                                                                                                                                                                                                                                                                                                                          |
| Power Consumption                     | ≤ 16W                                                                                                                                                                                                                                                                                                                                                                     |
| Power Consumption-Sleep Mode          | 0.5W                                                                                                                                                                                                                                                                                                                                                                      |
| Power Consumption-Off                 | 0.2W                                                                                                                                                                                                                                                                                                                                                                      |
| Rated Power (Typ.)                    | 20V  0.8A                                                                                                                                                                                                                                                                                |
| Environment Conditions                | Operational: 0~50°C/ Storage: -20~60°C                                                                                                                                                                                                                                                                                                                                    |
| Dimension (W×H×D)                     | W × H: 360.7mm × 228.7mm<br>D: 6mm(min.) ~ 20.1mm(max.)                                                                                                                                                                                                                                                                                                                   |
| Net Weight (Typ.)                     | 768g                                                                                                                                                                                                                                                                                                                                                                      |
| Origin                                | Made in Taiwan                                                                                                                                                                                                                                                                                                                                                            |
| Certification                         |  R53848 RoHS  FCC  VCCI  RoHS |

 To request the drawing of the monitor's dimension and product EOL notifications, please write to : [service@gechic.com](mailto:service@gechic.com)

# Supported Display Modes

Frequency Range: H-sync: 30KHz~160KHz; V-sync: 30Hz~76Hz(V)

| Resolution | Refresh Rate                            |
|------------|-----------------------------------------|
| 3840x2160  | 60Hz,59Hz,50Hz,30Hz,29Hz,25Hz,24Hz,23Hz |
| 2560x1600  | 60Hz,59Hz,50Hz,30Hz,29Hz,25Hz,24Hz,23Hz |
| 1920x1080  | 60Hz,59Hz,50Hz,30Hz,29Hz,25Hz,24Hz,23Hz |
| 1280x720   | 60Hz,59Hz,50Hz                          |

# Troubleshooting



Scan the QR code to find solutions for more FAQs.

# LCD Pixel Statement

There is slightly uneven brightness on the screen when displaying different screen pattern. The LCD screen has 99.99% or more effective pixels. 0.01% of pixels or less may not light or may light incorrectly. The monitor uses a high quality LCD panel. Nevertheless, pixels on the LCD screen may not light or appear as red or black dots. All the above are normal with the LCD monitor and will not affect the normal usage of the product. Avoid placing the monitor against sun-light, or it may damage the monitor.

# WEEE Symbol Information

**This product needs to be recycled at an appropriate recycling point. Do not mix it with household waste.**

This symbol on the product, accessories or literature indicates that this product and its electronic accessories (e.g., adapter, cables) must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of these items by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



## For Disposal in Countries Outside of the European Union

If you wish to discard this product and its accessories in other area and countries, please contact your local government for applicable laws and regulations governing the disposal of this product.

# FCC Compliance Statement

**Notice: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15B of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.**

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Caution:

1. Changes or modifications not expressly approved by GeChic Corp. could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
3. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.



## **GeChic Corporation**

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West Dist., Taichung, Taiwan

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Mon.-Fri. 09:00~12:00 & 13:00~18:00(UTC+08:00)

