

USER MANUAL

Touch LCD Monitor

OF-270P-Bx



Introduction

About this document

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Conventions

The following subsections describe graphic conventions are used in this manual to denote certain actions or information for clarification purposes. Keep these points in mind to avoid problems with the monitor or injuries:

**TIP:**

A TIP highlights helpful shortcuts and guidelines for installation, use, and maintenance.

**NOTE:**

A NOTE indicates supplementary information or important details for installation, operation, and maintenance.

**CAUTION:**

A CAUTION warning indicates a potential risk of injury or device malfunction.

**MISE EN GARDE:**

Une MISE EN GARDE avertit du risque de blessures ou de dysfonctionnement de l'appareil.

**WARNING:**

A WARNING appears when there are potential risks of serious physical harm or death.

**AVERTISSEMENT:**

Un AVERTISSEMENT apparaît lorsqu'il y a des risques potentiels de dommages graves ou de blessures mortelles.

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Safety and regulatory information

Safety

**WARNING:**

To prevent the risk of electric shock, always connect this equipment to a power source that has a working ground (earth) connection.

**AVERTISSEMENT:**

Pour éviter tout risque d'électrocution, cet équipement ne doit être connecté qu'à un réseau d'alimentation doté d'une fonction de mise à la terre.

**WARNING:**

To prevent the risk of fire or shock hazards, and do not expose the monitor to moisture.

**AVERTISSEMENT:**

Pour réduire le risque d'incendie ou d'électrocution, faites attention à ne pas exposer l'appareil à l'humidité.

General recommendations

- This device is designed primarily for use in professional, commercial, or industrial environments.
- Read the safety and operating instructions before operating the monitor.
- Retain safety and operating instructions for future reference.
- Adhere to all warnings displayed on the monitor and those included in the operating instructions manual.
- Follow all provided instructions for proper operation and use of the device.

Electrical shock or fire hazard

- Do not expose this monitor to rain or moisture.

Modifications to the unit

- Do not modify this equipment without the manufacturer's authorization.
- If there is any other problem, please consult or return the monitor to your distributor. Do not try to repair a defective monitor.

Preventive maintenance

Before performing the following routine inspection, unplug the device from the power source:

- Inspect the adapter and power cord for any damage. Ensure the cord is positioned safely to prevent it from being pinched or cut.
- Verify that the Protective Earth Ground connection is intact and secure.
- Keep the area around the power plug clean, as dust and liquids can pose a fire hazard.
- Clean the device's ventilation slots regularly, as dust buildup can block airflow and cause the electronics to overheat.

Additional recommendations:

- Keep the monitor clean to prolong its operational lifetime.
- Periodically check that it is correctly operating. Periodically check the tightness of the VESA mount screws. If not sufficiently tight, the monitor may detach from the arm, which may result in injury or equipment damage.

Use in critical applications

For critical applications, we strongly recommend keeping a replacement monitor readily available.

Transient over-voltage

To completely disconnect power from the device, always unplug the adapter from the power source.

Liquids and moisture

- Never expose the monitor to liquids or moisture.
- Never use the monitor near water - e.g. near a bathtub, swimming pool, kitchen sink, laundry tub or in a wet basement.
- Front panels of all models are IP65 compliant.
- The glass surface is fully cleanable and can be maintained using appropriate cleaning methods and materials.

Moisture condensation

- Do not use the device in environments with rapid temperature or humidity changes, and avoid direct exposure to cold air from air conditioning outlets.
- Moisture may condense on the surface or inside the unit, potentially forming a mist residue on the protective plate. While this is not a product malfunction, it may still cause damage to the device.
- If condensation is present, do not plug in the device. Allow it to dry completely before use.

Ventilation

Do not cover or block any ventilation openings on the monitor. When installing it in a cabinet or other enclosed space, ensure sufficient clearance around the device for proper airflow.

Installation

- Place the monitor on a flat, solid, and stable surface capable of supporting at least three times the monitor's weight. Using an unstable cart or stand may cause the monitor to fall, resulting in serious injury or damage to the device.
- The unit and setup must be tested and validated before being put into operation.
- Do not install the device in environments with high temperature or humidity. Ensure conditions do not exceed the following limits:
 - Operating conditions: Temperature: 0°C to 40°C (32°F to 104°F); Humidity: 20% to 80% RH.
 - Transport/Storage conditions: Temperature: -20°C to 60°C (-4°F to 140°F); Humidity: 10% to 90% RH.

Use

General:

- Inspect the enclosure for any potential damage from shipping or accidents. If you are unsure, contact MicroTouch support for assistance.
- The protective screen is made of tested high-impact glass; however, strong impacts may still cause it to crack. To minimize the risk of breakage, handle and position the device properly.
- The monitor is intended for indoor use only.

Malfunctions:

- Unplug the power cord from the device's power outlet and contact a Microtouch Technical Support if any of the following conditions occur:
 - The power cord or plug is damaged or frayed.
 - Liquid has been spilled into the equipment.
 - The equipment has been exposed to rain or water.
 - The equipment does not operate normally when the operating instructions are followed. Adjust only the controls specified in the operating instructions. Improper adjustments to other settings may cause damage and may require extensive servicing by a qualified technician to restore normal operation.
 - The equipment has been dropped or the enclosure has been damaged.
 - The product exhibits a distinct change in performance, indicating a need for service.

Regulatory compliance

For FCC (USA)

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.

For IC (Canada)

CAN ICES-003(A)/NMB-003(A)

For CE (EU)

The device complies with the EMC Directive 2014/30/EU and Low Voltage Directive 2014/35/EU

Disposal information

Waste Electrical and Electronic Equipment



This symbol on the product indicates that, under the European Directive 2012/19/EU governing waste from electrical and electronic equipment, this product must not be disposed of with other municipal waste. Please dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

For more information about recycling of this product, please contact your local city office or your municipal waste disposal service.

Renseignements relatifs à la conformité

Pour la FCC (États-Unis)

Cet équipement a été testé et jugé conforme aux limites d'un appareil numérique de classe A, conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles lorsque l'équipement est utilisé dans un environnement commercial. Cet équipement génère, utilise et peut émettre de l'énergie radiofréquence et, s'il n'est pas installé et utilisé conformément au manuel d'instructions, peut provoquer des interférences nuisibles aux communications radio. L'utilisation de cet équipement dans une zone résidentielle est susceptible de provoquer des interférences nuisibles, auquel cas l'utilisateur devra corriger les interférences à ses propres frais.

Pour Industrie Canada

Norme canadienne NMB-003(A)

Pour la CE (UE)

L'appareil respecte la directive 2014/30/UE relative à la compatibilité électromagnétique et la directive 2014/35/EU sur les limites de basse tension.

General information

This section provides details on the package contents and an overview of the monitor's features.

Package content

Unpacking

- Before unpacking your device, choose a location near an easily accessible wall outlet.
- Set the monitor box in an upright position and open it from the top. Remove the top protective foam inserts.
 - Step 1: Remove the package
 - Step 2: Remove the accessory box, then take out the bottom protective foam padding.
- We recommend keeping the box and packaging for future use in case the device needs to be returned.
- Carefully unpack the device and verify that all items listed in the "Accessories" section are included.

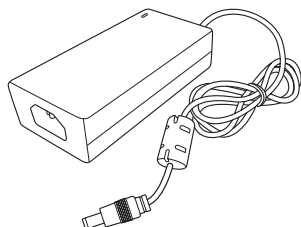
**TIP:**

If any of the accessories is missing or damaged, please contact your distributor for more information.

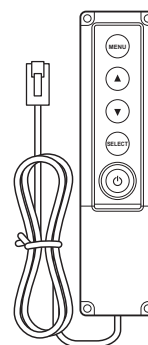
Accessories



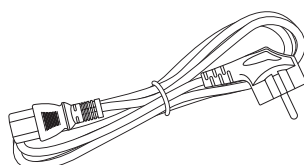
Monitor



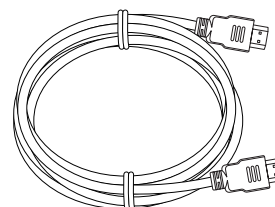
Adapter



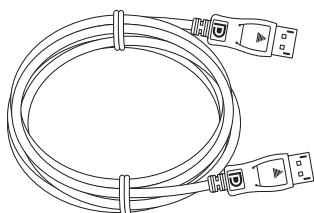
OSD key pad



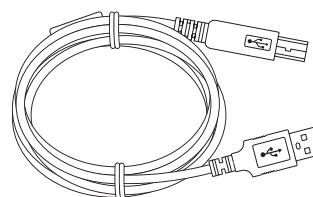
Regional specific power cables



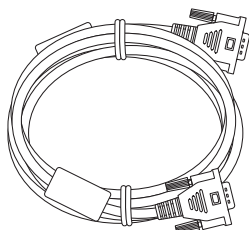
HDMI cable (1.8m)



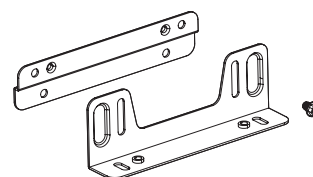
DisplayPort (DP) cable (1.8m)



USB-B to USB-A cable (1.8m)



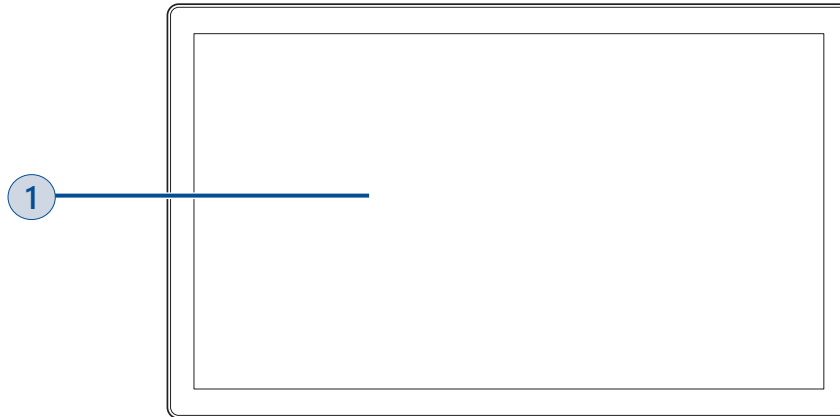
VGA cable (1.8m)



**L bracket*1 + Mount bracket*1 +
M4 Screws*4 (Optional)**

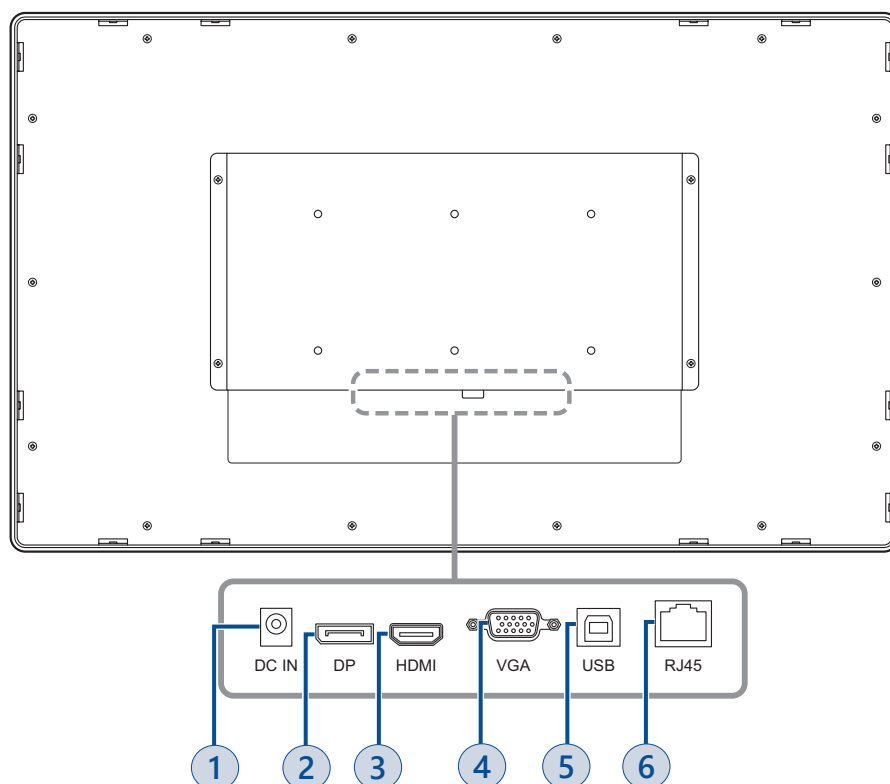
Product overview

Front view



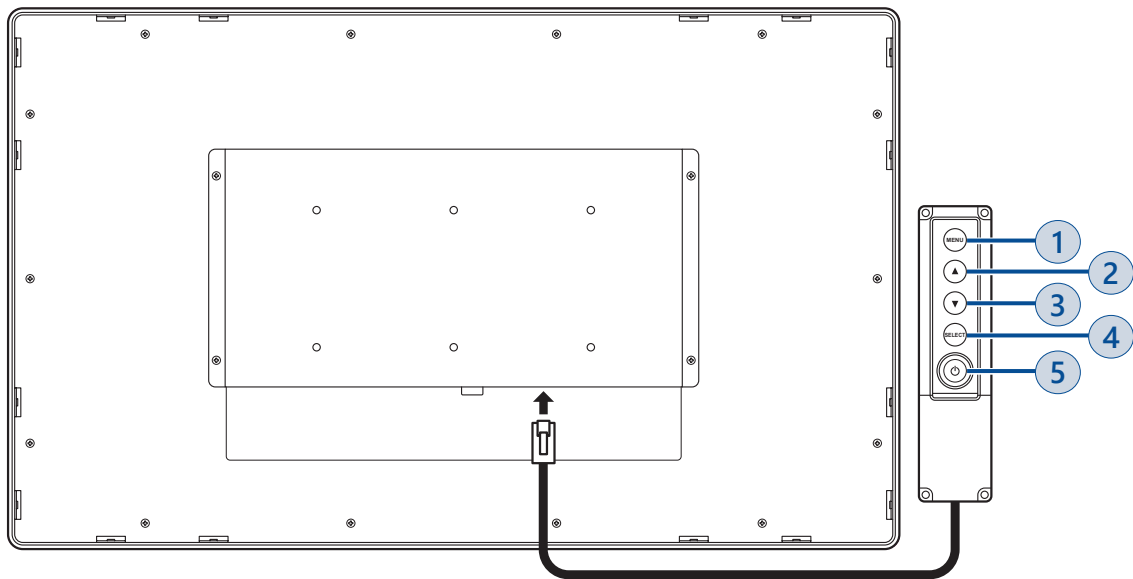
#	Function	Description
1	Display screen	Display screen with multi-touch functionality.  NOTE: <i>This monitor supports sensitivity settings for both glove touch and through-glass touch operation.</i>

Rear view



#	Function	Description
①	DC IN jack	Connect supplied power adapter to power to the monitor.
②	DP connector	Connect to a DisplayPort-compatible device for video input.
③	HDMI connector	Connect to a HDMI-compatible devices for high-definition video input.
④	VGA connector	Connect to a VGA-compatible devices for analog video input.
⑤	USB connector	USB connection for touchscreen functionality.
⑥	RJ45 connector	Connects to the OSD (On-Screen Display) keypad for menu control.

Control buttons



NOTE:

To use the control buttons, connect the OSD key pad to the RJ45 connector on the monitor.

#	Icon	Function	Description
1	MENU	On-screen display (OSD) menu	- Press to activate the OSD menu. - In the OSD menu, press to move to the previous menu or press repeatedly to close the OSD menu.
2	▲	Brightness hotkey	- Press to adjust the brightness level. - In the OSD menu, press to moves up or increase the value.
3	▼	Contrast hotkey	- Press to adjust the contrast level. - In the OSD menu, press to move down or decrease the value.
4	SELECT	Source hotkey	- Long press for 3 seconds to select the input source. - In the OSD menu, press to enter the submenu or confirm the selection.
5	⏻	Power button	Press to switch the monitor on or off.

Setup and installation

This section provides instructions on using the stand, wall-mounting the monitor, and connecting it to other devices.

Wall mounting

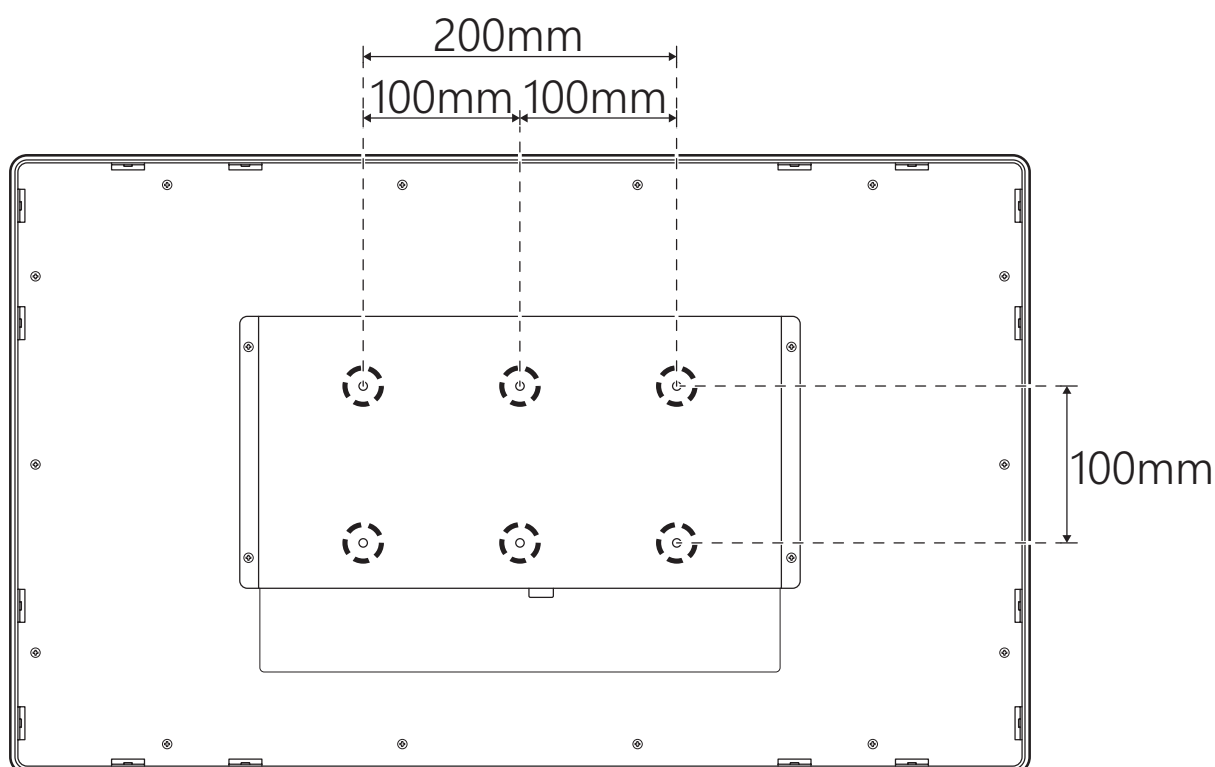
About the VESA mount

This monitor supports standard VESA mount with 200 mm x 100 mm pattern located at the rear of the monitor or 510 mm x 510 mm pattern when using the side mount brackets.

**NOTE:**

- Use six M4 diameter screws with 7 mm length to mount the device.

Standard VESA mount



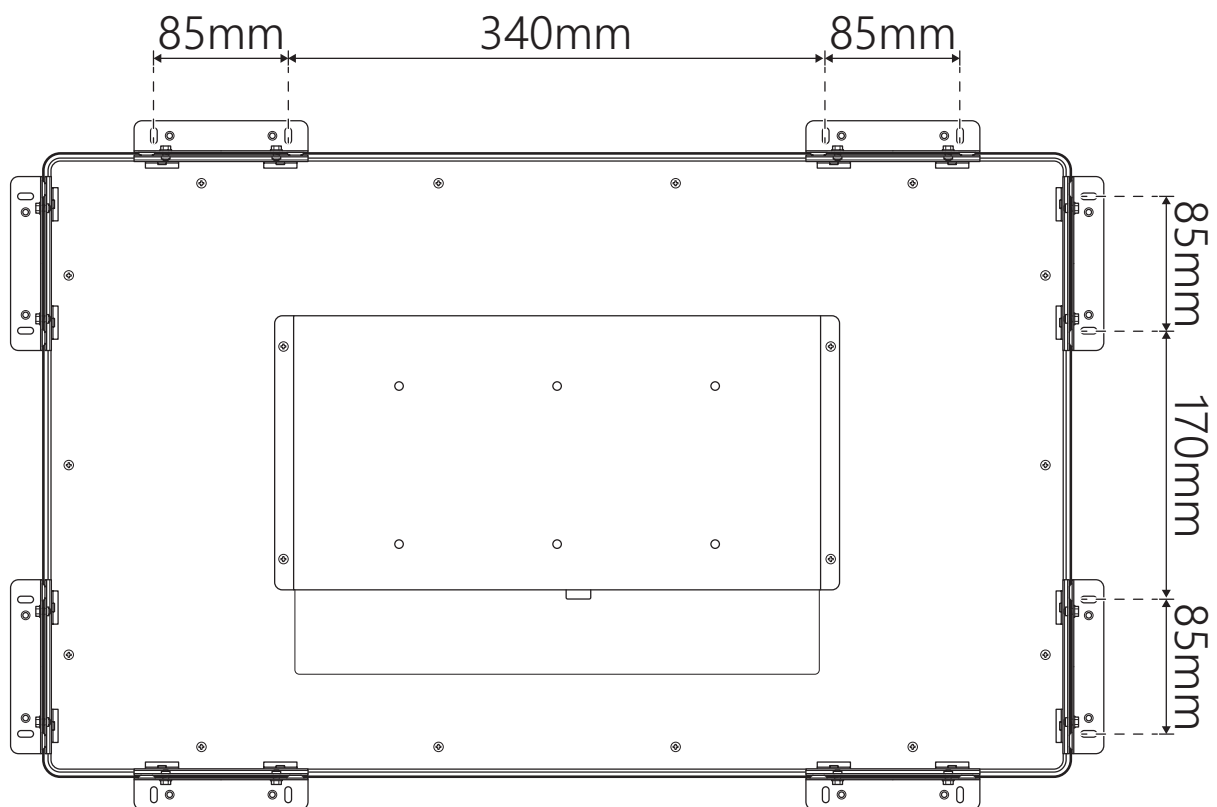
Using the side mount brackets to mount the monitor

The side mount brackets can be secured to all four sides of the monitor.

**NOTE:**

- Use sixteen M4 diameter screws with 16 mm length to mount the device.

1. Secure the side mount brackets to the monitor with the sixteen (16) screws:
2. Mount the monitor on the wall.

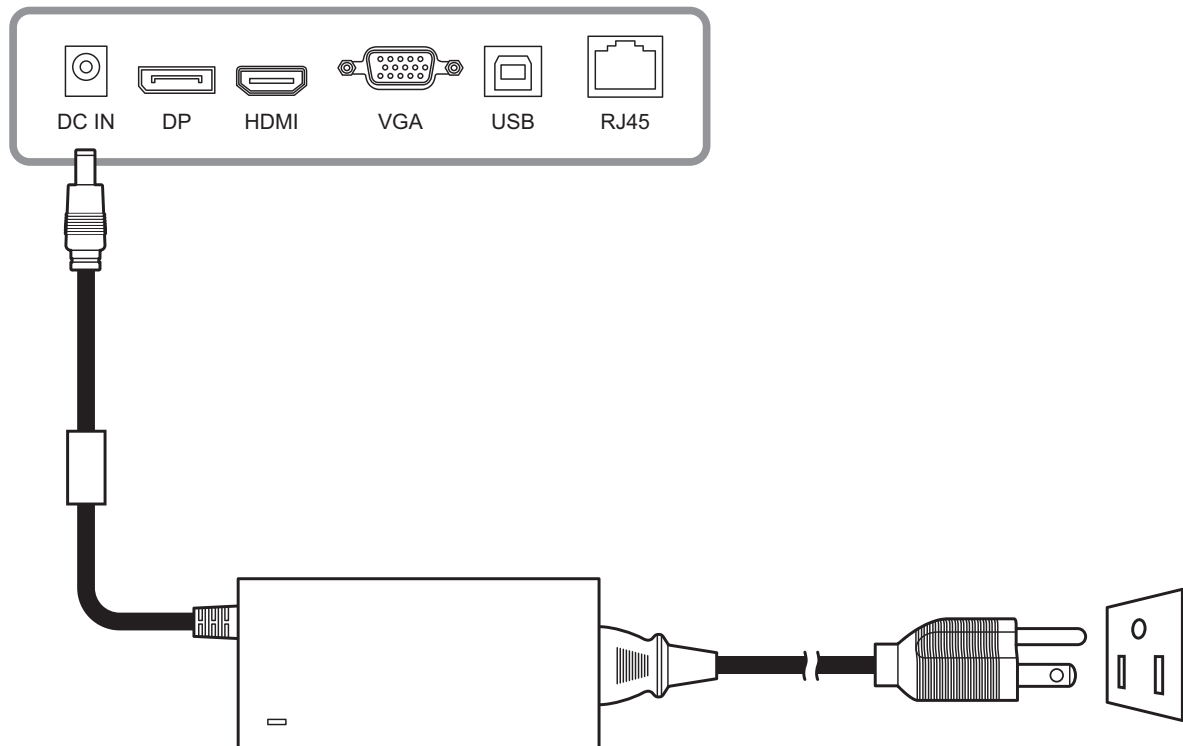


Making connections

Connecting to power

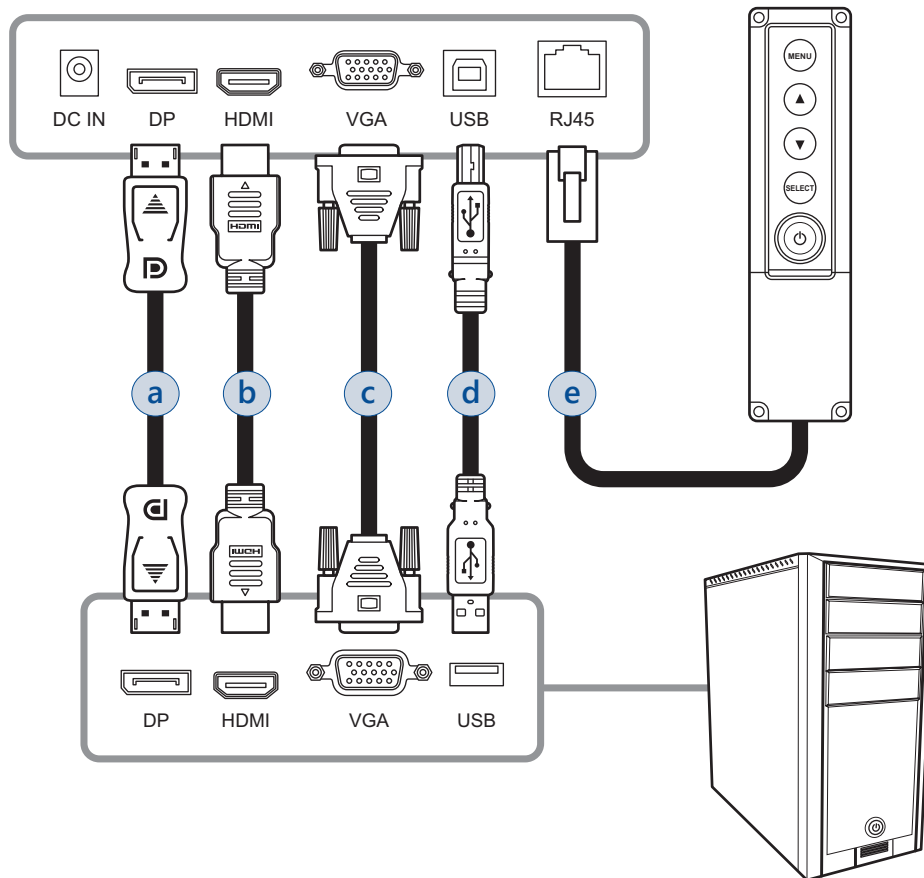
To connect the monitor to a power outlet:

1. Connect the adapter to the DC IN jack on the monitor.
2. Connect one end of the power cable to the adapter.
3. Connect the other end of the power cable to a power outlet or a power supply.



Connecting external devices

Connect the monitor to your computer or other device by using the following cables:



a. DP cable

Connect one end of a DP cable to the DP connector of the monitor. Connect the other end of the DP cable to the DP port of the device.

b. HDMI cable

Connect one end of an HDMI cable to the HDMI connector of the monitor. Connect the other end of the HDMI cable to the HDMI port of the device.

c. VGA cable

Connect one end of a VGA cable to the VGA connector of the monitor. Connect the other end of the VGA cable to the VGA port of the device.

d. USB cable (for touch screen control)

Connect one end of a USB cable to the USB Type-B connector of the monitor. Connect the other end of the USB cable to the USB port of your computer.



NOTE:

After you turn on both your computer and the monitor, your computer will automatically install the necessary driver. Wait until the installation is complete.

e. OSD key pad

Connect the OSD key pad cable to the RJ45 connector.

Using the device

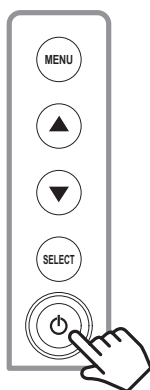
This section provides instructions on powering the monitor on and off, as well as how to use the hotkey functions for quick access to key settings.

Turning the monitor on/off

Turning the monitor on

To turn on the monitor, do the following:

1. Connect the OSD key pad to the RJ45 connector on the monitor.
2. Press the  button to turn the monitor on.



Turning the monitor off

To turn the monitor off, press the  button. The following confirmation message will open:

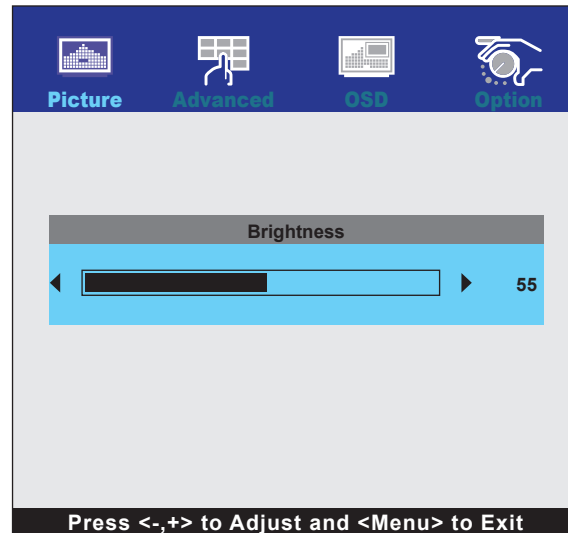
Do you want to turn off?

Press the  button again to confirm, or otherwise the message will disappear after five seconds. When you press the  button for the second time, the monitor will turn off.

Please press the power button again.

OSD Menu

Brightness level

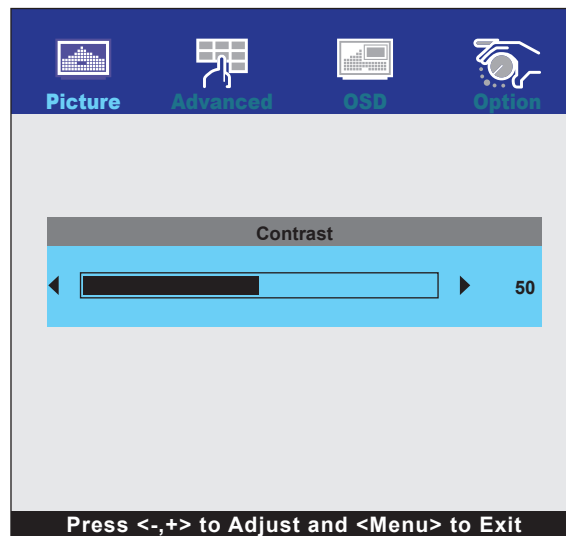
**NOTE:**

If the touch screen function is enabled, you can also adjust the brightness level using the controls on the touch screen.

To adjust the brightness level, do the following:

1. Press the ▲ button. The Brightness menu will open.
2. Press the ▲ or ▼ button to increase or decrease the brightness respectively from "0" to "100".
3. Press the **MENU** button repeatedly to close the Brightness menu.

Contrast level

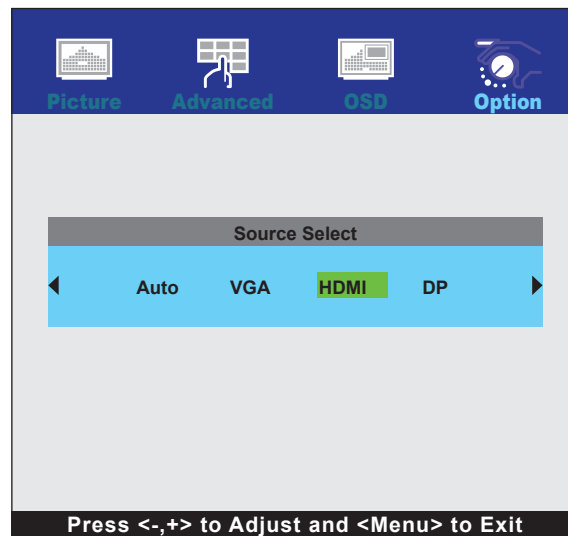
**NOTE:**

If the touch screen function is enabled, you can also adjust the contrast level using the controls on the touch screen.

To adjust the contrast level, do the following:

1. Press the ▼ button. The Contrast menu will open.
2. Press the ▲ or ▼ button to increase or decrease the contrast respectively from "0" to "100".
3. Press the **MENU** button repeatedly to close the Contrast menu.

Source select



NOTE:

If the touch screen function is enabled, you can also select the input source using the controls on the touch screen.

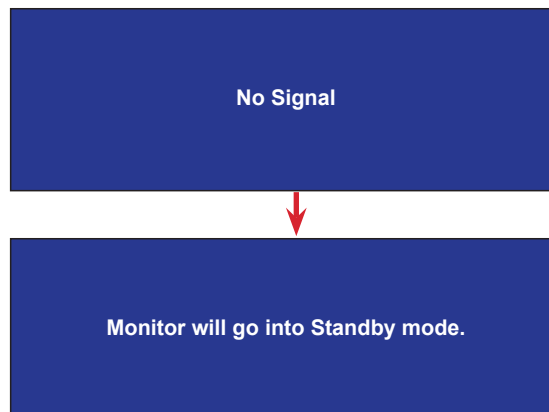
To select the input source, do the following:

1. Long press the **SELECT** button for three seconds. The Source Select menu will open.
2. Press the ▲ or ▼ button to select the input source between "VGA", "HDMI", and "DP" or select "Auto" to allow the monitor to detect the input source automatically.
3. Press the **SELECT** button to confirm the selection.
4. Press the **MENU** button repeatedly to close the Source Select menu.



NOTE:

- *If the monitor does not detect an input source within a set period, it will display a 'No Signal' message, followed by a 'Monitor will enter Standby mode' message.*



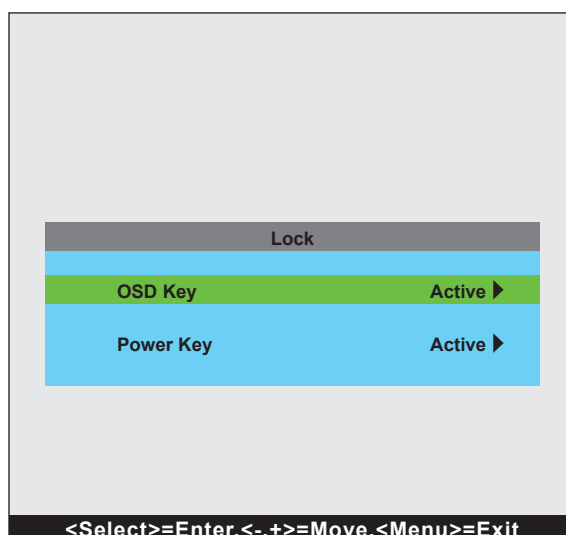
- *While in the standby mode, press any of the key pad buttons for one second to wake the monitor.*

Lock or unlock the control buttons

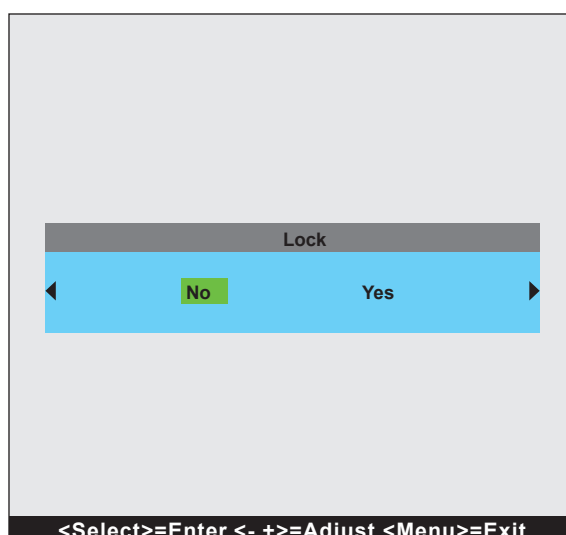
To prevent unauthorized access to the monitor settings, you can lock all control buttons except the , or lock only the .

To lock or unlock all the control buttons except for the , do the following:

1. Connect the OSD key pad to the monitor. Refer to page 19.
2. Press the **MENU** +  buttons simultaneously. The Lock menu will open:



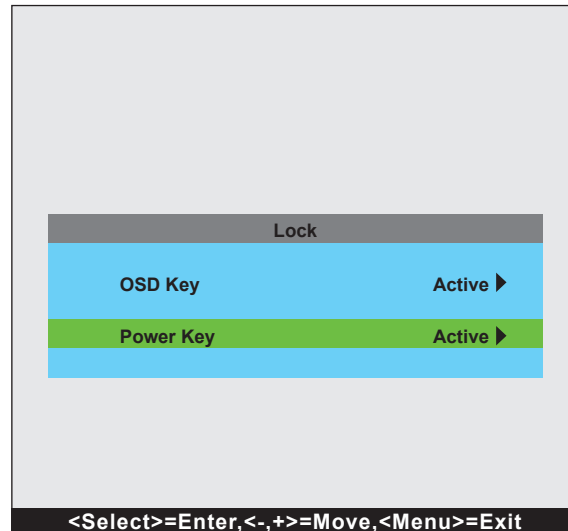
3. Press the  or  button to select the "OSD Key" item, next press the **SELECT** button. The Lock confirmation menu will open:



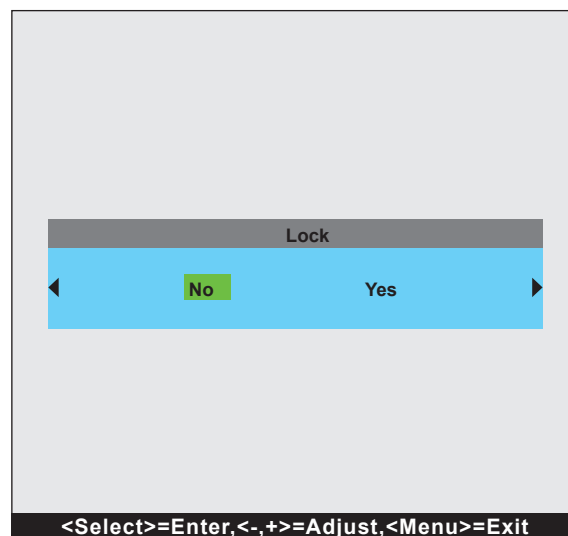
4. Press the  or  button to select "Yes" to lock the control buttons, next press the **SELECT** button to confirm.
5. To unlock the , repeat steps 2 to 3 and in step 4 select "No". Next press the **SELECT** button to confirm.

To lock or unlock the  button, do the following:

1. Connect the OSD key pad to the monitor. Refer to page 19.
2. Press the **MENU** +  buttons simultaneously. The Lock menu will open:



3. Press the  or  button to select the "**Power Key**" item, next press the **SELECT** button. The Lock confirmation menu will open:



4. Press the  or  button to select "**Yes**" to lock the  button, next press the **SELECT** button to confirm.
5. To unlock the  button, repeat steps 2 to 3 and in step 4 select "**No**". Next press the **SELECT** button to confirm.

Enable or disable touch operations

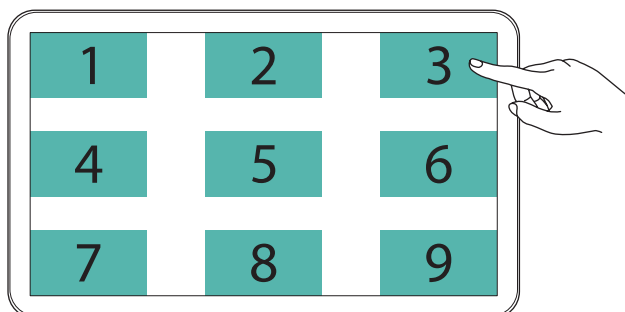
- To disable touch operations, press the **MENU** + **SELECT** buttons simultaneously. The following message will open:



- To enable touch operations, press the **MENU** + **SELECT** buttons for five seconds simultaneously.

OSD Menu via Touch Gesture

To activate the OSD menu by touch, wait at least three seconds without touching the screen, then touch the areas labeled '3,' '6,' and '9' as illustrated below.



Configuring the monitor settings

This section explains how to configure the monitor settings using the OSD menu.

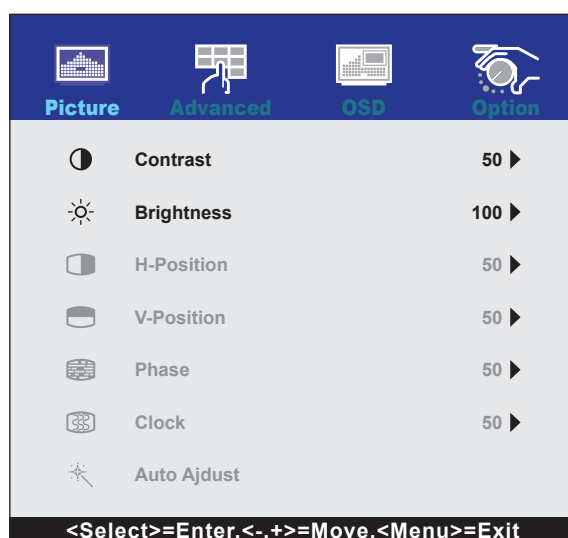
OSD menu navigation

To open the OSD menu, either press the **MENU** button on the OSD key pad or touch the screen in the three defined areas. For more information on the defined areas, refer to page 26.



NOTE:

To use the OSD key pad, connect it to the RJ45 connector of the monitor.



To navigate the OSD menu and configure the monitor's settings, either touch the controls directly on the touch screen or use the control panel buttons.

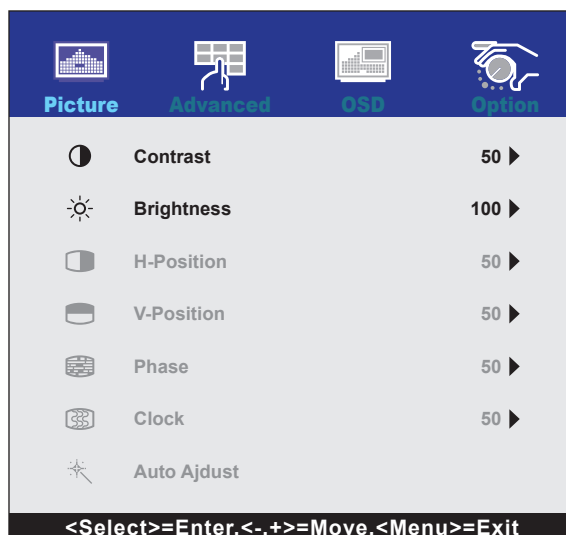
To configure the monitor settings using the control buttons, do the following:

1. Press the ▲ and ▼ button to select the menu item.
2. Press the **SELECT** button to enter the submenu.
3. Press the ▲ and ▼ button to select the submenu item.
4. Press the **SELECT** button to start configuring the item settings.
5. Press the ▲ and ▼ button to select the setting or adjust the value.
6. Press the **SELECT** button to confirm the setting (if necessary).
7. Press the **MENU** button to return to the previous menu or press the **MENU** button repeatedly to close the OSD menu.

OSD menu functions

Picture menu

Configures display settings.



Item	Description	Options
Contrast	Adjust the contrast level.	0 to 100
Brightness	Adjust the brightness level.	0 to 100
H-Position (VGA source only)	Adjust the horizontal position of the screen image by moving the image to the left or to the right.	0 to 100
V-Position (VGA source only)	Adjust the vertical position of the screen image by moving the image to up or down.	0 to 100
Phase (VGA source only)	Improve the focus, clarity, and stability of the screen image by adjusting the pixel clock phase timing.	0 to 100
Clock (VGA source only)	Adjust the width of the image by adjusting the pixel clock frequency timing.	0 to 100
Auto Adjust (VGA source only)	Adjust and optimize the screen image settings automatically.	Yes No

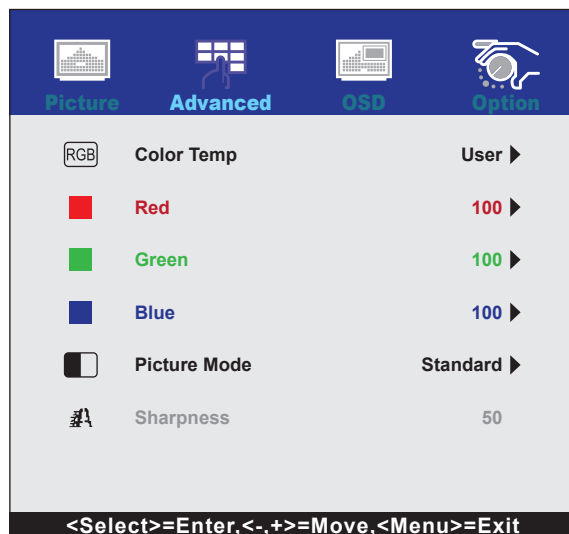


NOTE:

H-Position, V-Position, Phase, Clock, and Auto Adjust are visible only if the input source is VGA.

Advanced menu

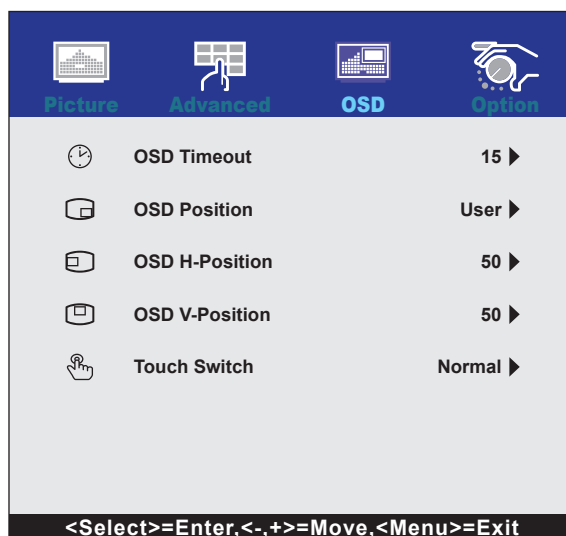
Configure advanced settings.



Item	Description	Options
Color Temp	Select the preferred color temperature. If you select "User" as the color temperature, then you can customize "Red", "Green", and "Blue" from "0" to "100".	5500K 6500K 7500K 9300K User
Picture Mode	Adjust overall vividness of the monitor.	Standard Vivid
Sharpness	Adjust the sharpness of the screen image.	0 to 100

OSD menu

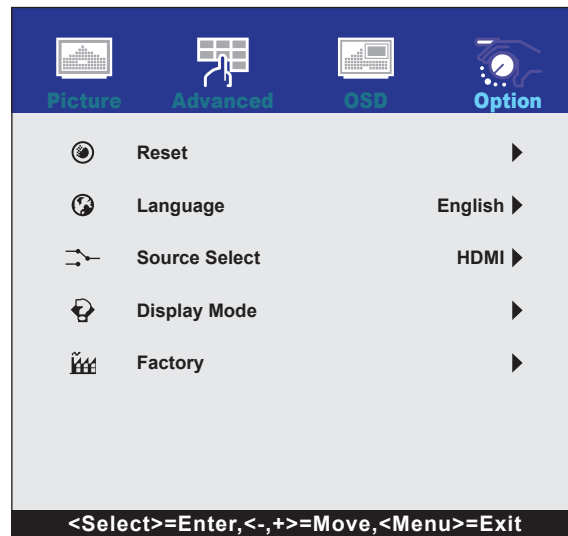
Configure OSD menu settings.



Item	Description	Options
OSD Timeout	Select the time period for the OSD menu to remain on the screen.	5 to 60
OSD Position	Select the OSD menu position on the screen.	
OSD H-Position	Adjust the horizontal position of the OSD menu.	0 to 100
OSD V-Position	Adjust the vertical position of the OSD menu.	0 to 100
Touch Switch	Select the preferred mode for screen touch operations.	Normal Glove Through-Glass

Option menu

Configure options settings



Item	Description	Options
Reset	Reset the monitor settings to the factory defaults.	Yes No
Language	Select the preferred OSD language.	English Français Deutsch Italiano Español 日本語 繁中 簡中
Source Select	Select the preferred input source.  NOTE: <i>If you select "Auto" as the source then the monitor detects the input automatically.</i>	Auto VGA HDMI DP
DisplayMode	View the current source, resolution, horizontal and vertical frequency of the monitor.	N/A
Factory	This function is for maintenance personnel. Do not operate this function.	N/A

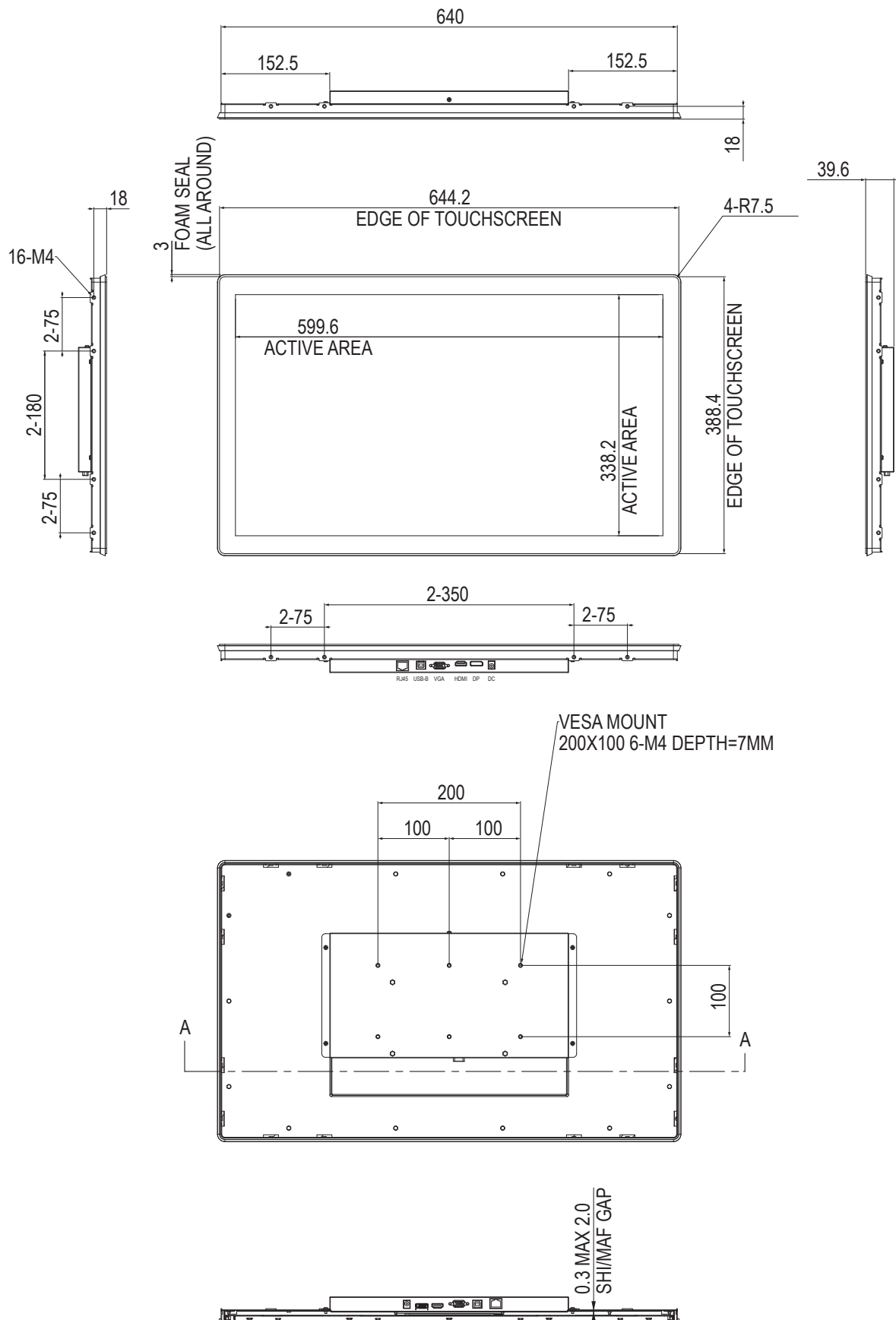
Appendix

In this section, you will find monitor specifications, dimensions, supported resolutions, troubleshooting guide, and information about taking care of your monitor.

Specifications

Item	Description
Touch LCD monitor	
Size	27" TFT LCD
Maximum resolution	1920 x 1080
Contrast ratio	4000:1
Brightness (backlight type)	350 nits (w/o touch) / 500 nits
Viewing angle	H:178°, V:178°
Touch screen	
Touch screen	Projected Capacitive
Touch points	10
Touch screen interface	USB-HID (type B)
Display surface	7H Hardness durable glass
Surface treatment	AG (optional)
IO ports	
LAN port	1x RJ45 (OSD key pad)
USB port	1 x USB-B 2.0 for touch interface (USB-HID)
Video port	1 x VGA, 1 x DP, 1 x HDMI
Audio port	NA
Power input	Adapter 12V/5A in
Physical properties	
Housing color	Black
Construction	Plastic, Glass, SECC Metal
Compliance	Front panel IP65 compliant
Dimensions (W x H x D) mm	644.20 x 388.40 x 39.60
Net weight (kg)	7.5
Carton (W x H x D) mm	762 x 517 x 174
VESA	200 x 100 mm
Ball drop	IK07
Safety	
Certifications	CE , FCC , UKCA
Environment	
Operating temperature	0°C ~ 40°C
Storage temperature	-20°C ~ 60°C
Operating humidity	20% ~ 80% RH, non-condensing
Storage humidity	20% ~ 90% RH, non-condensing

Dimensions



Supported resolutions

Resolution	H. Freq. (KHz)	Bandwidth (MHz)	Polarity	
			H	V
VGA 720 x 400 70Hz	31.47	28.322	-	+
VGA 640 x 480 60Hz	31.47	25.175	-	-
MAC 640 x 480 67Hz	35	32.24	-	-
VESA 640 x 480 72Hz	37.86	31.5	-	-
VESA 640 x 480 75Hz	37.5	31.5	-	-
VESA 800 x 600 56Hz	35.16	36	+	+
VESA 800 x 600 60Hz	37.88	40	+	+
VESA 800 x 600 75Hz	46.88	49.5	+	+
VESA 1024 x 768 60Hz	48.36	65	-	-
VESA 1024 x 768 70Hz	56.48	75	-	-
VESA 1024 x 768 75Hz	60.02	78.75	+	+
SXGA 1280 x 1024 60Hz	64	108	+	+
SXGA 1280 x 1024 75Hz	80	135	+	+
SXGA 1152 x 864 75Hz	67.5	108	+	+
SXGA 1280 x 960 60Hz	60	108	+	+
WXGA+ 1440 x 900 60Hz	56	106.5	-	+
WXGA+ 1440 x 900 75Hz	70.6	136.75	-	+
WSXGA+ 1680 x 1050 60Hz	65.2	146	-	+
WSXGA+ 1680 x 1050 75Hz	82.3	187	-	+
VESA 1280 x 768 60Hz	47.776	79.5	-	+
1920 x 1080 60Hz	67.5	148.5	+	+

Troubleshooting

This section describes some common problems that you may experience when using the monitor and provides some general guidelines and solutions for troubleshooting.

If the suggested solutions fail to resolve the problem, please contact your dealer or our service center.

Problem	Possible Solutions
No image appears on the screen	• Ensure all the I/O connectors between the monitor and the computer are correctly and well connected. • Ensure the pins of the signal cables are not crooked or broken.
Partial image or incorrectly displayed image	Check to see if the resolution of your computer is higher than that of the LCD display. Refer to the list of supported resolutions on pages 34.
Screen image is too bright or dark	Adjust the Brightness in the OSD menu (refer to page 28) or by pressing the Brightness hotkey (refer to page 21).
The screen image has color defects	• Ensure the pins of the signal cables are not crooked or broken. • Try different color temperatures. Refer to page 29. • Reset the monitor via OSD menu. Refer to page 31.
Screen has no touch response	• Make sure the protective film is removed. If the film is still in place, remove it and then power cycle the monitor. • Ensure the touch function is not disabled. Refer to page 26.

Maintenance

The device requires no routine maintenance other than occasional cleaning of the monitor surfaces. We recommend cleaning every two weeks.

All maintenance and repairs should be performed by a qualified, MicroTouch technician.

Cleaning

Enclosure:

- Gently wipe all exterior surfaces with a soft, lint-free cloth dampened with distilled water.
- Please read and follow all instructions on the cleaning product label.



NOTE:

Do not use the following products for cleaning the monitor:

- MEK (Methyl Ethyl Ketone)
- Toluene
- Acetone
- Benzene or thinner
- Acid
- Alkaline or abrasive detergents
- Chemical cleaning cloths

Equipment name: Touch LCD Monitor						
Type designation (Type): OF-270P-Bx						
Component	Restricted substances and their chemical symbols					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr+6)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Plastic Parts	○	○	○	○	○	○
Metal Parts	-	○	○	○	○	○
Cable components	-	○	○	○	○	○
LCD Panel	-	○	○	○	○	○
Touch Panel	-	○	○	○	○	○
PCBA	-	○	○	○	○	○
Software	○	○	○	○	○	○



NOTE:

- "○" indicates that the percentage of the restricted substance does not exceed the permissible limit.
- "-" indicates that the restricted substance is exempt.
- This product is intended to be supplied by a UL or CB Listed Power Adapter or DC power source, rated 12Vdc, 5A minimum (complied with LPS), Tma = 40 degree C minimum, and the altitude of operation = 3048m minimum. If it needs further assistance with purchasing the power source, please contact to TES for further information.



To find out more about our solutions and addresses, please visit:

www.MicroTouch.com

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