



User Manual

# MONITOR MHD19W2

thinvent

# User Manual for MHD19W2 Monitor

<b>1. Introduction</b>	<b>1</b>
1.1 Package Contents	1
1.2 About Thinvent Monitor	1
1.3 Monitor Overview	1
<b>2. Safety Precautions</b>	<b>2</b>
2.1 General Safety Guidelines	2
2.2 Electrical Safety	2
2.3 Cleaning and Maintenance	3
2.4 Transportation and Storage	3
<b>3. Setting Up the Monitor</b>	<b>3</b>
3.1 Unpacking the Monitor	3
3.2 Monitor Stand Fitting	4
3.3 Monitor Placement	6
3.4 Cable Connections	7
3.5 Powering On the Monitor :	7
<b>4. On-Screen Display (OSD) Menu</b>	<b>7</b>
4.1 Accessing the OSD Menu	8
4.2 OSD Menu Navigation	9
4.3 Adjusting Display Settings	9
4.4 Picture Quality Enhancements	9
<b>5. Input Source Selection</b>	<b>10</b>
5.1 Switching Input Sources	10
5.2 Auto Input Source Detection	10
<b>6. Monitor Adjustment and Ergonomics</b>	<b>11</b>
6.1 Height Adjustment	11
6.2 Eye Comfort Features	11
<b>7. Advanced Display Settings</b>	<b>11</b>
7.1 Color Calibration	11
7.2 Display Modes and Presets	12
7.3 Fine-Tuning the Monitor	12
<b>8. Energy-Saving Features</b>	<b>12</b>
8.1 Power Saving Modes	12
8.2 Eco-Friendly Design	13
8.3 Power Management	13
<b>9. Maintenance And Care</b>	<b>13</b>
9.1 Cleaning the Monitor	13
9.2 Handling and Storage	13
<b>10. Technical Specifications</b>	<b>14</b>
<b>11. Troubleshooting and FAQs</b>	<b>14</b>
11.1 General Troubleshooting Tips	14
11.2 FAQs - Frequently Asked Questions	15
<b>12. Warranty and support</b>	<b>15</b>
12.1 Registering Your Monitor	15
12.2 Warranty Coverage	15
12.3 Warranty Service	16
<b>Get In Touch</b>	<b>16</b>

# 1. Introduction

## 1.1 Package Contents

When you receive your Monitor, ensure that the package includes the following items:

- MHD19W2 Monitor
- 1 x vertical stand, 1 x circular base, 4 x M4 screws, 4 x M3 screws
- 1 x 12V 2A Power Adapter
- 1 x HDMI Cable
- 1 x User Manual (this document)
- 1 x Warranty Card

Please inspect the package carefully to make sure that all components are included and undamaged.

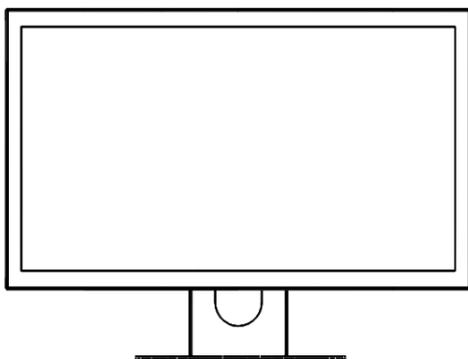
## 1.2 About Thinvent Monitor

The Thinvent Monitor is a high-quality display designed to provide exceptional visual performance and user comfort. With its 18.5-inch LED-backlit screen and slim design, it delivers crisp images and vibrant colours, making it suitable for various applications, including home and office use.

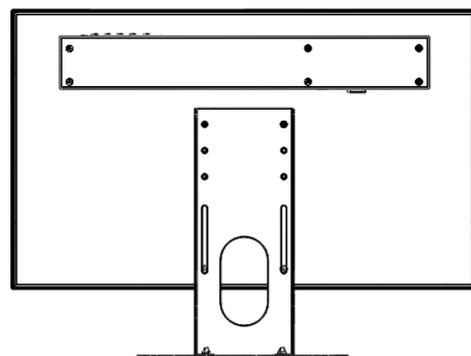
## 1.3 Monitor Overview

The Thinvent Monitor features a modern and sleek design with a thin bezel, which maximises the screen space and allows for a seamless multi-monitor setup. It incorporates LED-backlit technology, which offers energy efficiency and consistent brightness levels.

On the back panel of the monitor, you will find the input ports, power buttons, and on screen display control buttons which allow you to navigate through the on-screen display menu and adjust various settings.

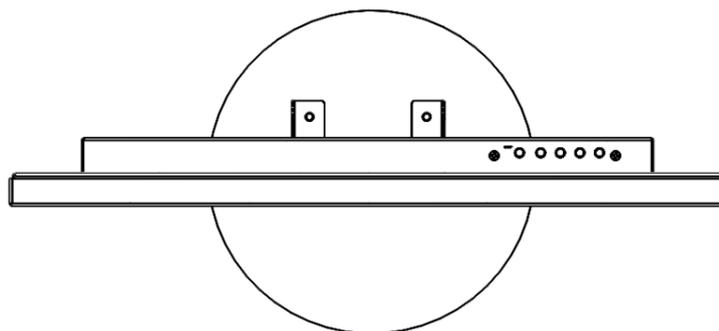


Front View



Rear View





Top View

## 2. Safety Precautions

Your safety is our priority. Before using the Thinvent Monitor, please read and understand the following safety precautions.

### 2.1 General Safety Guidelines

- Read all instructions provided in this user manual and any additional documentation supplied with the monitor.
- Keep this user manual and other relevant documents in a safe place for future reference.
- Follow all warnings and instructions as mentioned in this manual.
- Do not use the monitor near water or in a humid environment.
- Avoid using the monitor in high-temperature or high-humidity conditions.
- Do not expose the monitor to direct sunlight or excessive heat sources.
- Use only accessories and cables approved by Thinvent. Using unauthorised accessories may result in damage to the monitor or pose a safety hazard.

### 2.2 Electrical Safety

- Ensure that the power outlet you use for the monitor is properly grounded.
- Do not overload power outlets or extension cords, as this can cause fire or electrical shock.
- Unplug the monitor from the power source during thunderstorms or when it will not be used for an extended period.
- If the power cable or plug is damaged, do not use the monitor. Contact Thinvent customer support for assistance.



## 2.3 Cleaning and Maintenance

- Before cleaning the monitor, turn it off and unplug it from the power source.
- Use a soft, lint-free cloth to clean the monitor's screen and casing. Avoid using abrasive cleaners, solvents, or harsh chemicals.
- Do not spray liquids directly onto the monitor. Instead, dampen the cloth slightly and gently wipe the screen and casing.
- To prevent scratches, do not apply excessive pressure or use sharp objects when cleaning the screen.
- Periodically check and tighten cable connections to ensure stable operation.
- Do not attempt to disassemble the monitor. All servicing should be performed by qualified technicians.

## 2.4 Transportation and Storage

- When transporting the monitor, use the original packaging or a suitable protective case to prevent damage.
- Avoid subjecting the monitor to excessive vibration or shock during transportation.
- Store the monitor in a dry and well-ventilated area. Avoid storing it in extreme temperatures or high-humidity environments.

# 3. Setting Up the Monitor

Follow these instructions to set up your Thinvent Monitor correctly.

## 3.1 Unpacking the Monitor

When unpacking the monitor, please ensure that all the package contents are included and undamaged. If you notice any damage, contact Thinvent customer support immediately.

To unpack the monitor:

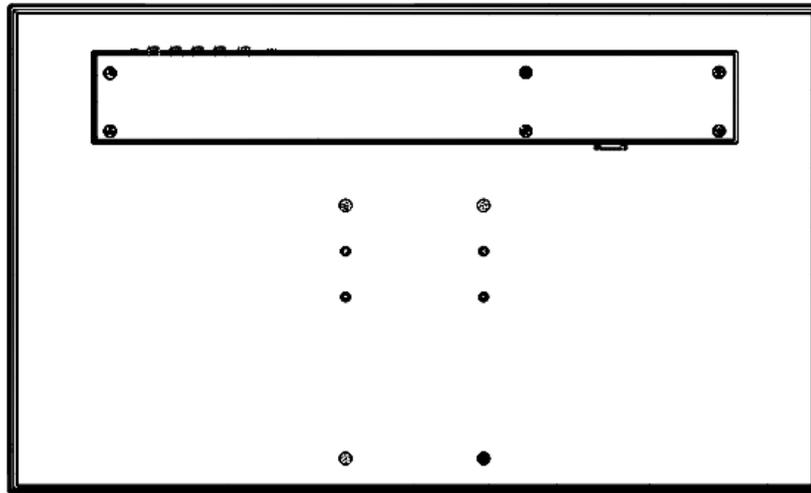
1. Place the box on a flat surface and open it carefully.
2. Remove the protective packaging materials, such as foam or plastic wraps, from the monitor.
3. Lift the monitor gently and set it down on a clean and stable surface.

Ensure that you retain the original packaging materials. In case you need to transport or store the monitor in the future, using the original packaging will provide the best protection.

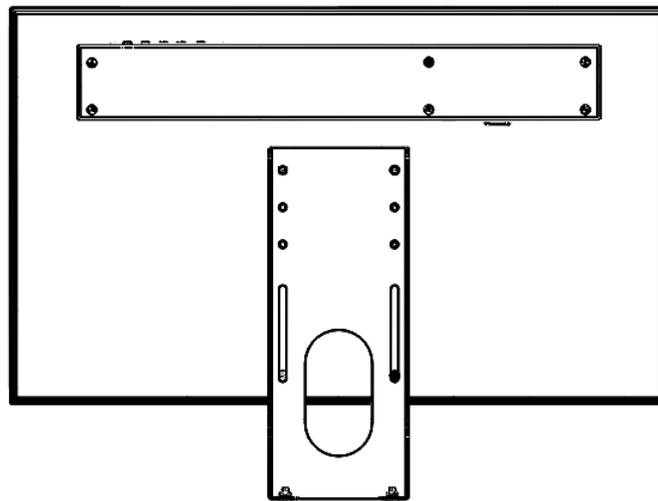


### 3.2 Monitor Stand Fitting

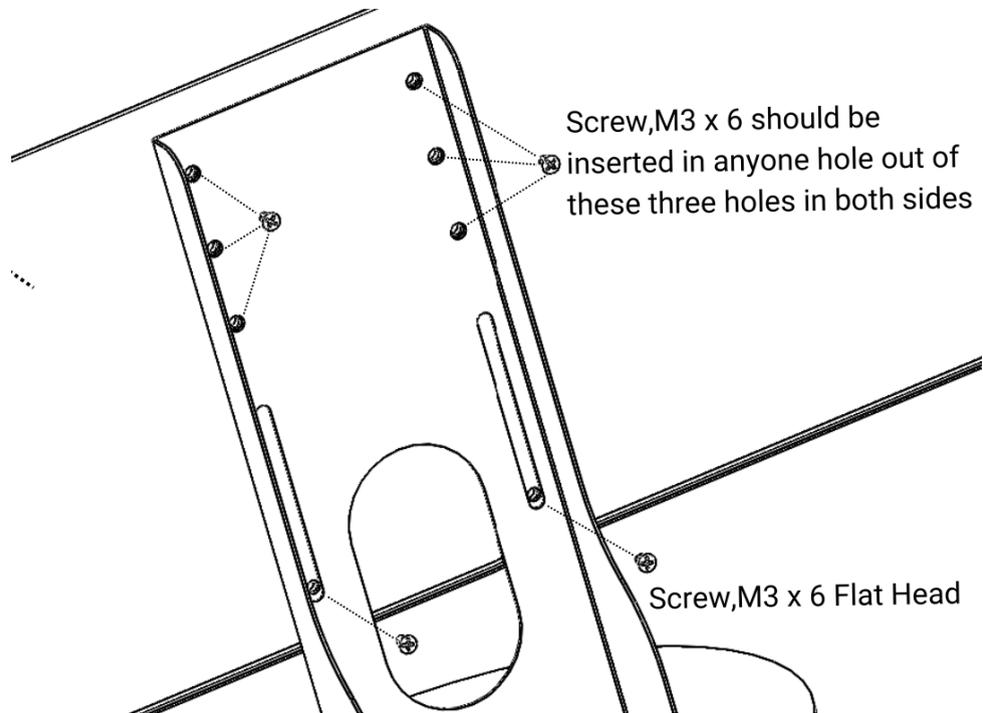
1. Keep Monitor down to up on a flat surface or keep it on a flat surface with side foam attached heading back side as top.



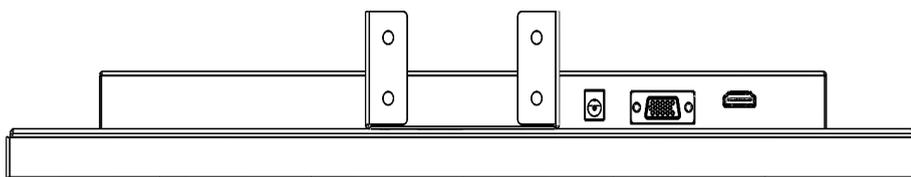
2. Keep the vertical stand flat side on the back side of the monitor matching any two holes out of the above 6 holes (As per your required height)

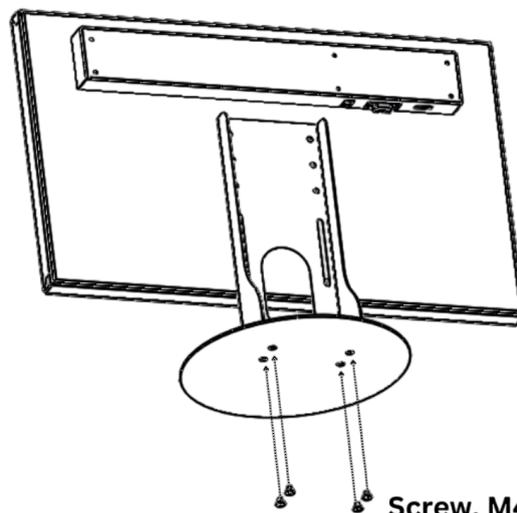
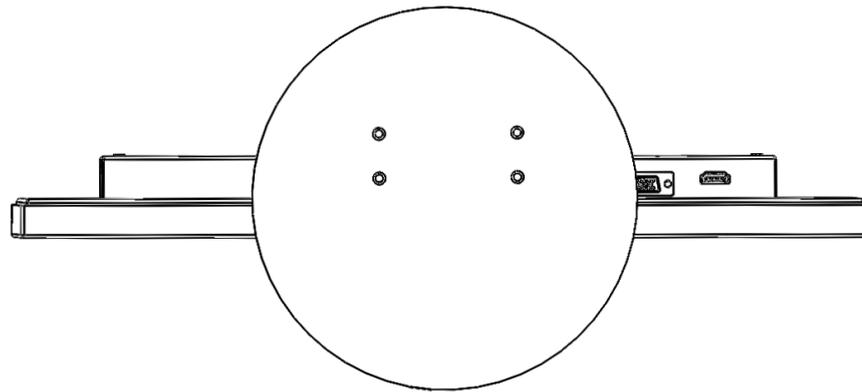


3. Make sure the lower two holes of the monitor match the slot of the vertical stand. Fit the screw in these holes.



4. Fit Circular base in the base side as shown in using Flat screw from Countersink side of base so that it fits Perfectly and get a smooth surface with circular base.





**Screw, M4 x 4 Flat Head**

5. Make sure Screw fits on the base is perfectly tight and matches with Circular base as a flat before standing the whole setup.
6. Place the Monitor in a standing position and check everything perfectly tight and now you can remove the Side foam.

### **3.3 Monitor Placement**

Choose an appropriate location for your monitor, considering factors such as lighting conditions, viewing angle, and ergonomics.

- Place the monitor on a stable and level surface, such as a desk or table.
- Position the monitor at a comfortable viewing distance, typically around arm's length.
- Adjust the monitor's height to minimise glare and optimise viewing comfort.



- Avoid placing the monitor near heat sources or in direct sunlight, as this can affect the display performance and lifespan.

### 3.4 Cable Connections

To connect the Thinvent Monitor to your computer or other devices, follow the steps below:

1. Identify the video output port on your computer. The most common ports are VGA (analog), HDMI (digital), and DisplayPort (digital).
2. Depending on the available ports on your monitor and computer, choose the appropriate cable (VGA, HDMI, or DisplayPort) from the package.
3. Connect one end of the cable to the corresponding port on the back of the monitor.
4. Connect the other end of the cable to the video output port on your computer or other devices.
5. Ensure that the connections are secure and tightened.

Note: If your monitor supports multiple input sources, ensure that the correct input source is selected in the OSD menu (refer to Section 5 - Input Source Selection).

### 3.5 Powering On the Monitor :

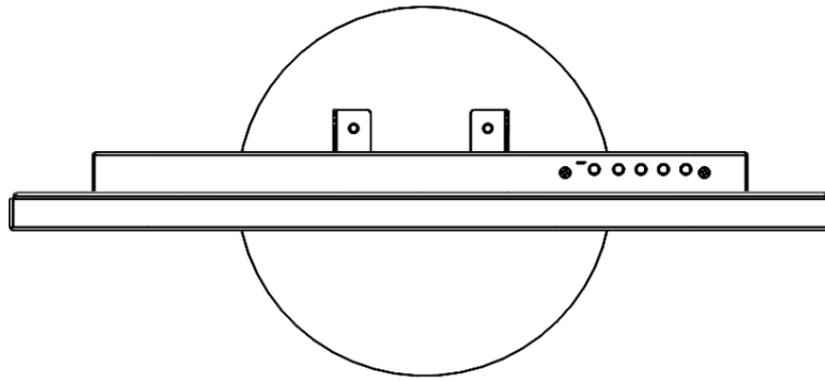
To power on the Thinvent Monitor, follow these steps:

1. Carefully Remove Screen Film Before using Monitor
2. Connect one end of the power cable to the power input port on the back of the monitor.
3. Plug the other end of the power cable into a properly grounded power outlet.
4. Press the power button on the front or side panel of the monitor to turn it on.
5. The monitor's LED indicator will illuminate, indicating that it is receiving power and in operation.
6. To power off the monitor, press the power button again and select "Yes" on the on-screen prompt (if applicable).

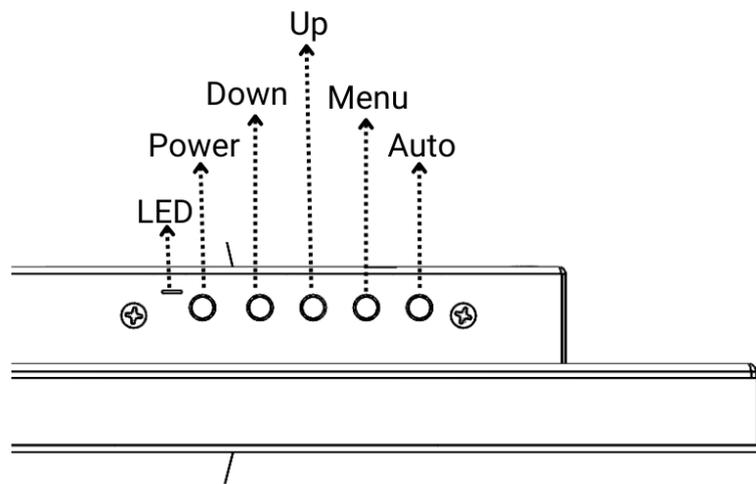
## 4. On-Screen Display (OSD) Menu

The Thinvent Monitor features an On-Screen Display (OSD) menu that allows you to adjust various display settings according to your preferences. The OSD menu provides access to settings such as brightness, contrast, color settings, picture mode, and input source selection.





Top View



#### 4.1 Accessing the OSD Menu

To access the OSD menu and make adjustments, follow these steps:

1. Press the menu button on the front or side panel of the monitor.
2. The OSD menu will appear on the screen.
3. Use the navigation buttons (typically arrow keys) to move through the menu options.
4. To select a menu option, press the OK or Enter button.
5. To exit the OSD menu, press the menu button again.



## 4.2 OSD Menu Navigation

The OSD menu allows you to navigate through various settings and options. Use the following navigation buttons to move through the menu:

- Up/Down Arrow: Move up or down through the menu options.
- Left/Right Arrow: Adjust or select values within a menu option.
- OK/Enter: Confirm a selection or enter a sub-menu.
- Exit: Exit the OSD menu and return to normal display mode.

Refer to the specific instructions in the OSD menu for each setting and option.

## 4.3 Adjusting Display Settings

Within the OSD menu, you can adjust various display settings to optimise the image quality. Some common settings include:

- Brightness: Adjust the brightness level of the display to make the image brighter or darker.
- Contrast: Adjust the contrast level to enhance image clarity and the distinction between dark and light areas.
- Color Settings: Fine-tune colors by adjusting parameters such as RGB levels or selecting predefined color profiles.
- Picture Mode: Choose from various preset display modes (e.g., Standard, Movie, Gaming) optimised for different content types.
- Sharpness: Control the sharpness level of the display to enhance details or reduce image artefacts.
- Aspect Ratio: Select the desired aspect ratio (e.g., 16:9, 4:3) that matches the content you are viewing.

Refer to the OSD menu and specific instructions for your Thinvent Monitor model to access and adjust these settings.

## 4.4 Picture Quality Enhancements

In addition to basic display settings, the Thinvent Monitor may offer advanced picture quality enhancements. These enhancements are designed to improve specific aspects of the image and provide a more enjoyable viewing experience. Some common picture quality enhancements include:

- Dynamic Contrast: Adjust the contrast dynamically to optimise the image based on the content being displayed.
- Color Temperature: Fine-tune the color temperature to achieve warmer or cooler tones.
- Black Level: Adjust the black level to enhance shadow details in dark areas of the image.

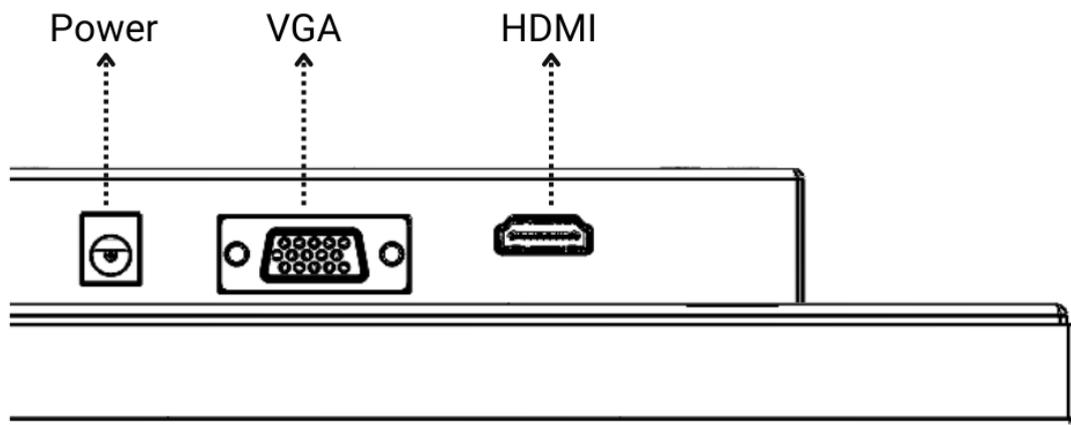


- Response Time: Select the desired response time setting to reduce motion blur in fast-paced content, such as games or movies.

Refer to the OSD menu and user manual specific to your Thinvent Monitor model for detailed information on available picture quality enhancements and their settings.

## 5. Input Source Selection

If your Thinvent Monitor supports multiple input sources VGA & HDMI, you can easily switch between them using the input source selection feature.



### 5.1 Switching Input Sources

To switch between input sources, follow these steps:

1. Press the menu button on the monitor to access the OSD menu.
2. Navigate to the Input Source or Input Select option using the arrow keys.
3. Press the OK or Enter button to enter the input source submenu.
4. Use the arrow keys to select the desired input source.
5. Press the OK or Enter button to confirm the selection.
6. Exit the OSD menu.

The monitor will now display the input source you selected.

### 5.2 Auto Input Source Detection

Some Thinvent Monitor models feature automatic input source detection. With this feature enabled, the monitor will automatically detect the active input source when you power it on or when you connect a new device. This eliminates the need for manual input source selection.



Refer to the user manual specific to your Thinvent Monitor model for information on input source selection and auto input source detection.

## 6. Monitor Adjustment and Ergonomics

The Thinvent Monitor is designed with adjustable features that allow you to adjust its height as per your viewing comfortness.

### 6.1 Height Adjustment

Most Thinvent Monitor models offer height adjustment, allowing you to move the screen upward or downward to achieve the desired viewing angle. To adjust the height, follow these steps:

1. Hold the edges of the monitor firmly with both hands.
2. Adjust the height as per your requirements by moving it up and Down
3. Screw the monitor to lock it in the new position.

Ensure that the height adjustment mechanism is locked securely to prevent the monitor from sliding unintentionally.

### 6.2 Eye Comfort Features

To reduce eye strain during extended periods of use, Thinvent Monitors may include eye comfort features such as:

- **Blue Light Filter:** Reduces the amount of blue light emitted by the monitor, which can help reduce eye fatigue and improve sleep quality.
- **Flicker-Free Technology:** Minimises screen flickering, which can cause eye strain and headaches.
- **Low Blue Light Mode:** Activates a preset colour temperature that reduces the amount of blue light emitted by the monitor.

Refer to the user manual specific to your Thinvent Monitor model for information on activating and adjusting these eye comfort features.

## 7. Advanced Display Settings

In addition to the basic display settings available in the OSD menu, the Thinvent Monitor may offer advanced display settings for fine-tuning the image quality according to your preferences.

### 7.1 Color Calibration

Color calibration allows you to adjust the monitor's color reproduction to achieve accurate and consistent colours. Thinvent Monitors may provide color calibration options in the OSD menu or through specific software provided by Thinvent.



Follow the instructions in the user manual or the accompanying software to perform colour calibration.

## 7.2 Display Modes and Presets

Thinvent Monitors often include predefined display modes or presets optimised for different content types. These modes adjust various display settings to enhance the viewing experience for specific applications, such as gaming, movies, or reading. Explore the OSD menu or the user manual specific to your Thinvent Monitor model to learn about available display modes and presets.

## 7.3 Fine-Tuning the Monitor

Advanced users may have the option to fine-tune additional settings, such as gamma, color temperature, saturation, and sharpness. These settings allow for more precise adjustments to achieve the desired visual appearance. Refer to the user manual specific to your Thinvent Monitor model for information on accessing and adjusting these advanced display settings.

# 8. Energy-Saving Features

Thinvent Monitors incorporate energy-saving features to reduce power consumption and promote environmental sustainability. These features help conserve energy when the monitor is not in active use.

## 8.1 Power Saving Modes

Power saving modes allow the monitor to automatically enter a low-power state when there is no user activity or when the connected computer/device enters a sleep or idle mode. The monitor can detect these signals and adjust its power consumption accordingly.

Thinvent Monitors may offer various power saving modes, such as:

- **Sleep Mode:** The monitor enters a low-power state when there is no input signal or user activity. Moving the mouse or pressing a key on the keyboard can wake it up.
- **Standby Mode:** The monitor consumes minimal power when not in use for an extended period. Pressing the power button or moving the mouse can wake it up.
- **Auto Power Off:** The monitor automatically turns off after a specified period of inactivity. This feature helps conserve energy when the monitor is not in use.

Refer to the user manual specific to your Thinvent Monitor model for information on available power saving modes and how to configure them.



## 8.2 Eco-Friendly Design

Thinvent Monitors are designed with energy-efficient components and materials to minimise their environmental impact. Thinvent encourages responsible disposal of its products at the end of their lifespan. Please follow local regulations and guidelines for electronic waste disposal to ensure proper recycling and minimise environmental harm.

## 8.3 Power Management

Thinvent Monitors comply with energy-saving standards and power management protocols to ensure efficient power usage. These monitors support power-saving features, such as:

- **Power-Saving Timer:** Some Thinvent Monitor models allow you to set a timer for automatically turning off the monitor after a certain period of inactivity. This feature helps minimise power consumption when the monitor is not in use.
- **Power Indicator LED:** The power indicator LED on the Thinvent Monitor can provide useful information about the monitor's power status. It may be solid when the monitor is powered on and blinking when it enters a low-power state.

# 9. Maintenance And Care

## 9.1 Cleaning the Monitor

To clean the monitor, follow these guidelines:

- Turn off the monitor and unplug it from the power source.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive cleaning solution.
- Gently wipe the screen and other surfaces to remove dust, smudges, or fingerprints.
- Avoid using harsh chemicals, abrasive cleaners, or rough cloths, as they may damage the screen.

## 9.2 Handling and Storage

When handling and storing your monitor, keep the following points in mind:

- Avoid subjecting the monitor to excessive shocks or impacts.
- When moving the monitor, hold it securely from the base or edges. Do not carry it by holding the screen alone.
- Store the monitor in a dry and dust-free environment.



- If you need to pack the monitor for transportation, use the original packaging or suitable protective materials.

## 10. Technical Specifications

The Thinvent Monitor is designed with the following technical specifications:

- Screen Size: 18.5 inches
- Display Type: LED-backlit
- Resolution: 1366 X 768 @60.0 Hz
- Aspect Ratio: Full, 16:9, 4:3, 5:4
- Connectivity: VGA, HDMI
- Power Consumption: 100 to 240V AC (DC 12V)

## 11. Troubleshooting and FAQs

In case you encounter any issues with your Thinvent Monitor, refer to this section for troubleshooting tips and answers to frequently asked questions.

### 11.1 General Troubleshooting Tips

If the monitor does not function properly or exhibits unusual behaviour, try the following troubleshooting steps:

1. Check the power cable connections. Ensure that the power cable is securely plugged into both the monitor and the power outlet.
2. Verify that the monitor is receiving power. Check if the power LED indicator on the monitor is illuminated.
3. Check the video cable connections. Ensure that the video cable is properly connected to both the monitor and the computer/device.
4. Restart your computer/device. Sometimes, restarting the computer/device can resolve display-related issues.
5. Test the monitor with a different computer/device. This helps determine if the issue is with the monitor or the computer/device.
6. Check the monitor settings. Ensure that the correct input source is selected and the display settings are properly configured.
7. Update drivers and firmware. Visit the Thinvent website or contact customer support to check for available driver and firmware updates for your monitor model.

If the issue persists after following these steps, contact Thinvent customer support for further assistance.



## 11.2 FAQs - Frequently Asked Questions

Q: Why is the image on my Thinvent Monitor blurry or distorted?

A: Blurriness or distortion can be caused by incorrect display settings, improper cable connections, or issues with the graphics card on your computer/device. Check the display settings, ensure the cables are securely connected, and update your graphics card drivers if necessary.

Q: How do I clean the screen of my Thinvent Monitor?

A: To clean the screen, turn off the monitor and unplug it from the power source. Use a soft, lint-free cloth slightly dampened with water or a screen cleaning solution. Gently wipe the screen in a circular motion, avoiding excessive pressure. Do not use abrasive cleaners, solvents, or harsh chemicals.

Q: Can I use my Thinvent Monitor with a gaming console?

A: Yes, if your gaming console has compatible video output ports (e.g., HDMI, DisplayPort), you can connect it to the Thinvent Monitor using the appropriate cable. Ensure that you select the correct input source on the monitor.

Q: What should I do if my Thinvent Monitor's power LED indicator is blinking?

A: A blinking power LED indicator can indicate various issues, such as a loose cable connection or a problem with the monitor's power supply. Check the cable connections, ensure that the power cable is securely plugged in, and try a different power outlet if possible. If the issue persists, contact Thinvent customer support for assistance.

## 12. Warranty and support

### 12.1 Registering Your Monitor

To take advantage of the warranty coverage, it is recommended to register your Thinvent Monitor with the manufacturer. Follow the instructions provided in the warranty card.

### 12.2 Warranty Coverage

Thinvent offers a limited warranty for the Thinvent Monitor. The warranty coverage typically includes repairs or replacements for manufacturing defects or malfunctions during the specified warranty period. Certain conditions and exclusions may apply, so it's important to review the warranty terms and conditions provided with your monitor.



## 12.3 Warranty Service

If you require warranty service, contact Thinvent's customer support hotline or email address provided in the user manual. They will assist you in initiating the warranty claim process and guide you through the necessary steps.

## Get In Touch

- Our support team is always happy to assist you with any problems you may face in using our products. Please feel free to reach us using the following means.

### Support Hotline:

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