# ЛОС



LCD Monitor User Manual

CU34P2C

www.aoc.com ©2022 AOC.All Rights Reserved



Safety	1
National Conventions	1
Power	2
Installation	
Cleaning	4
Other	5
Setup	6
Contents in Box	
Setup Base	7
Adjusting Viewing Angle	
Connecting the Monitor	9
Wall Mounting	
Adaptive sync function	11
Adjusting	
Hotkeys	
OSD Setting	
Luminance	
Color Setup	
Picture Boost	
OSD Setup	
PIP Setting	
Game Setting	
Extra	
Exit	21
LED Indicator	
Troubleshoot	23
Specification	
General Specification	
Preset Display Modes	
Pin Assignments	
Plug and Play	

# Safety

### **National Conventions**

The following subsections describe notational conventions used in this document.

#### Notes, Cautions, and Warnings

Throughout this guide, blocks of text may be accompanied by an icon and printed in bold type or in italic type. These blocks are notes, cautions, and warnings, and they are used as follows:



NOTE: A NOTE indicates important information that helps you make better use of your computer system.



**CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



**WARNING:** A WARNING indicates the potential for bodily harm and tells you how to avoid the problem. Some warnings may appear in alternate formats and may be unaccompanied by an icon. In such cases, the specific presentation of the warning is mandated by regulatory authority.

### Power

The monitor should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.

The monitor is equipped with a three-pronged grounded plug, a plug with a third (grounding) pin. This plug will fit only into a grounded power outlet as a safety feature. If your outlet does not accommodate the three-wire plug, have an electrician install the correct outlet, or use an adapter to ground the appliance safely. Do not defeat the safety purpose of the grounded plug.

Unplug the unit during a lightning storm or when it will not be used for long periods of time. This will protect the monitor from damage due to power surges.

🚹 Do not overload power strips and extension cords. Overloading can result in fire or electric shock.

To ensure satisfactory operation, use the monitor only with UL listed computers which have appropriate configured receptacles marked between 100-240V AC, Min. 5A.

 $\Lambda$  The wall socket shall be installed near the equipment and shall be easily accessible.

### Installation

Do not place the monitor on an unstable cart, stand, tripod, bracket, or table. If the monitor falls, it can injure a person and cause serious damage to this product. Use only a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with this product. Follow the manufacturer's instructions when installing the product and use mounting accessories recommended by the manufacturer. A product and cart combination should be moved with care.

Never push any object into the slot on the monitor cabinet. It could damage circuit parts causing a fire or electric shock. Never spill liquids on the monitor.

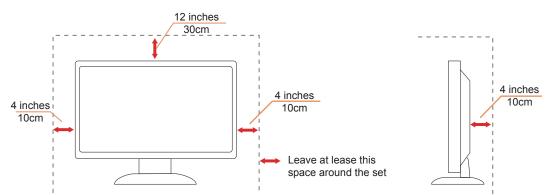
🚺 Do not place the front of the product on the floor.

If you mount the monitor on a wall or shelf, use a mounting kit approved by the manufacturer and follow the kit instructions.

Leave some space around the monitor as shown below. Otherwise, air-circulation may be inadequate hence overheating may cause a fire or damage to the monitor.

To avoid potential damage, for example the panel peeling from the bezel, ensure that the monitor does not tilt downward by more than -5 degrees. If the -5 degree downward tilt angle maximum is exceeded, the monitor damage will not be covered under warranty.

See below the recommended ventilation areas around the monitor when the monitor is installed on the wall or on the stand:



#### Installed with stand

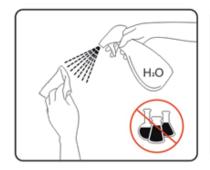
Please purchase a suitable wall mount to avoid the lack of distance between the back signal cable and the wall.

### Cleaning

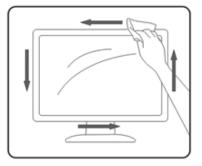
Clean the cabinet regularly with cloth. You can use soft-detergent to wipe out the stain, instead of strong-detergent which will cauterize the product cabinet.

When cleaning, make sure no detergent is leaked into the product. The cleaning cloth should not be too rough as it will scratch the screen surface.

Please disconnect the power cord before cleaning the product.







### Other

If the product is emitting a strange smell, sound or smoke, disconnect the power plug IMMEDIATELY and contact a Service Center.

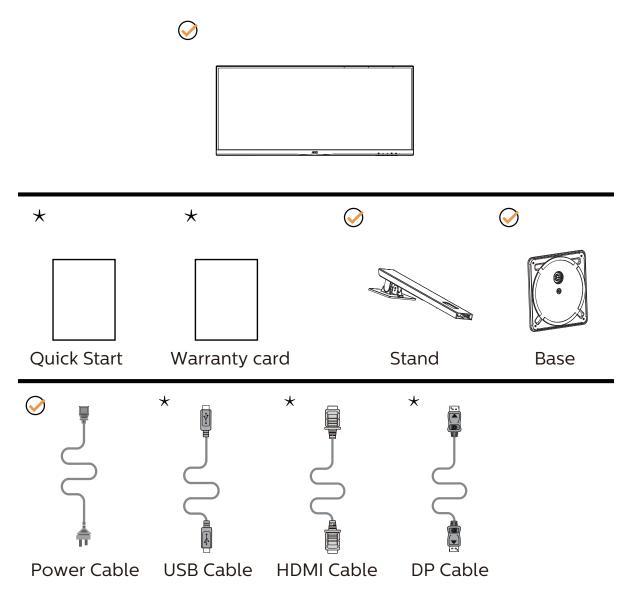
A Make sure that the ventilating openings are not blocked by a table or curtain.

Do not engage the LCD monitor in severe vibration or high impact conditions during operation.

Do not knock or drop the monitor during operation or transportation.

## Setup

### **Contents in Box**

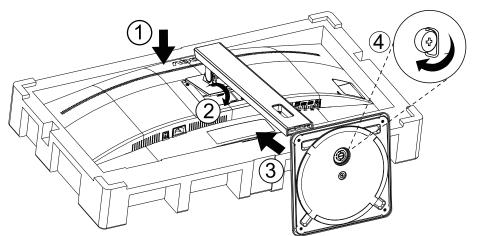


Not all signal cables (HDMI/DP/USB/Audio cables) will be provided for all countries and regions. Please check with the local dealer or AOC branch office for confirmation.

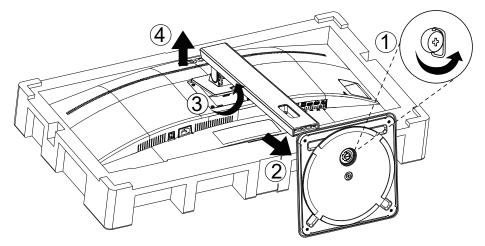
### Setup Base

Please setup or remove the base following the steps as below. Please place the monitor on a soft and flat surface to prevent the scratch.

#### Setup:



Remove:

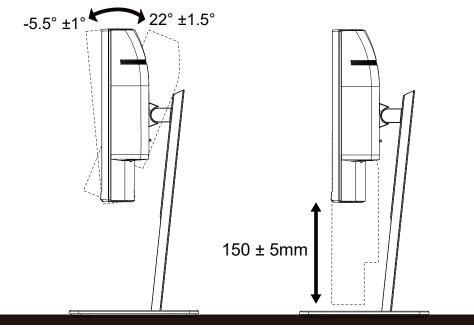


### **Adjusting Viewing Angle**

For optimal viewing it is recommended to look at the full face of the monitor, then adjust the monitor's angle to your own preference.

Hold the stand so you will not topple the monitor when you change the monitor's angle.

You are able to adjust the monitor as below:



### 

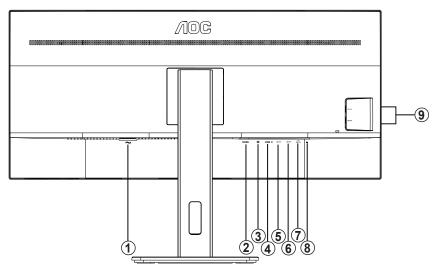
Do not touch the LCD screen when you change the angle. It may cause damage or break the LCD screen.

#### Warning

- To avoid potential screen damage, such as panel peeling, ensure that the monitor does no t tilt downward by more than -5 degrees.
- Do not press the screen while adjusting the angle of the monitor. Grasp only the bezel.

### **Connecting the Monitor**

Cable Connections In Back of Monitor and Computer:



- 1. Power
- 2. HDMI
- 3. DisplayPort
- 4. USB-C
- 5. USB-PC upstream
- 6. USB 3.2 Gen 1
- 7. USB3. 2 Gen1+Quick Charging
- 8. Earphone out
- 9. USB 3.2 Gen 1

#### Connect to PC

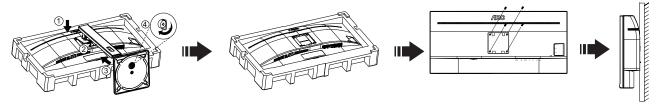
- 1. Connect the power cord to the back of the display firmly.
- 2. Turn off your computer and unplug its power cable.
- 3. Connect the display signal cable to the video connector on the back of your computer.
- 4. Plug the power cord of your computer and your display into a nearby outlet.
- 5. Turn on your computer and display.

If your monitor displays an image, installation is complete. If it does not display an image, please refer Troubleshooting.

To protect equipment, always turn off the PC and LCD monitor before connecting.

### Wall Mounting

Preparing to Install An Optional Wall Mounting Arm.



This monitor can be attached to a wall mounting arm you purchase separately. Disconnect power before this procedure. Follow these steps:

1. Remove the base.

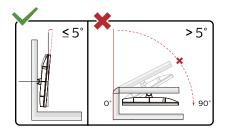
2. Follow the manufacturer's instructions to assemble the wall mounting arm.

3. Place the wall mounting arm onto the back of the monitor. Line up the holes of the arm with the holes in the back of the monitor.

4. Insert the 4 screws into the holes and tighten.

5. Reconnect the cables. Refer to the user's manual that came with the optional wall mounting arm for instructions on attaching it to the wall.

**Noted:** VESA mounting screw holes are not available for all models, please check with the dealer or official department of AOC.



\* Display design may differ from those illustrated.

#### WARNING:

- 1. To avoid potential screen damage, such as panel peeling, ensure that the monitor does not tilt downward by more than -5 degrees.
- 2. Do not press the screen while adjusting the angle of the monitor. Grasp only the bezel.

### Adaptive sync function

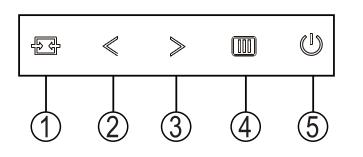
- 1. Adaptive sync function is working with DP/H1MI
- 2. Compatible Graphics Card: Recommend list is as the below, also could be checked by visiting www.AMD.com
- AMD Radeon™ RX 480
- AMD Radeon™ RX 470
- AMD Radeon™ RX 460

Radeon Pro Duo

- AMD Radeon R9 300 Series
- AMD Radeon R9 Fury X
- AMD Radeon R9 360
- AMD Radeon R7 360
- AMD Radeon R9 295X2
- AMD Radeon R9 290X
- AMD Radeon R9 290
- AMD Radeon R9 285
- AMD Radeon R7 260X
- AMD Radeon R7 260

# Adjusting

### Hotkeys



1	Source/Auto/Exit
2	Clear Vision/<
3	Volume/>
4	Menu/Enter
5	Power

#### Power

Press the Power button to turn on the monitor.

#### Menu/Enter

When there is no OSD, Press to display the OSD or confirm the selection. Press about 2 second to turn off the monitor.

#### Volume/>

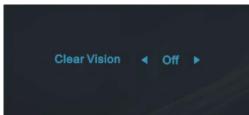
Press Volume button to active volume adjustment bar.

#### Source/Auto/Exit

When the OSD is closed, press Source/Auto/Exit button will be Source hot key function. When the OSD is closed, press Source/Auto/Exit button continuously about 2 second to do auto configure (Only for the models with D-Sub). **Clear Vision** 

1. When there is no OSD, Press the "<" button to activate Clear Vision.

2. Use the "<" or ">" buttons to select between weak, medium, strong, or off settings. Default setting is always "off".



3. Press and hold "<" button for 5 seconds to activate the Clear Vision Demo, and a message of "Clear Vision Demo: on" will be display on the screen for a duration of 5 seconds. Press Menu or Exit button, the message will disappear. Press and hold "<" button for 5 seconds again, Clear Vision Demo will be off.



Clear Vision function provides the best image viewing experience by converting low resolution and blurry images into clear and vivid images.

	Off	
	Weak	
Clear Vision	Medium	Adjust the Clear Vision
	Strong	
Clear Vision Demo	On or Off	Disable or Enable Demo

### **OSD Setting**

Basic and simple instruction on the control keys.

< to state the state sta	Color Setup	Picture Boost	OSD Se	PII PIP Se	Game Setting	X Extra	Exit
Contrast							
Brightness			DCR	Off			
Eco mode			HDR Mode	Off			

- 1. Press the III MENU-button to activate the OSD window.
- Press < Left or > Right to navigate through the functions. Once the desired function is highlighted, press the III MENU-button to activate it, press < Left or > Right to navigate through the sub-menu functions. Once the desired function is highlighted, press IIII MENU-button to activate it.
- 3. Press < Left or > to change the settings of the selected function. Press + to exit. If you want to adjust any other function, repeat steps 2-3.
- OSD Lock Function: To lock the OSD, press and hold the III MENU-button while the monitor is off and then press
   () power button to turn the monitor on. To un-lock the OSD press and hold the III MENU-button while the monitor is off and then press
   () power button to turn the monitor on.

#### Notes:

- 1. If the product has only one signal input, the item of "Input Select" is disable to adjust.
- 2. If the product screen size is 4:3 or input signal resolution is native resolution, the item of "Image Ratio" is disabled.
- 3. One of DCR, Color Boost and Picture Boost functions is activated, the other two function s are turned off accordingly.

### Luminance

<	Color Setup	Picture Boost	OSD Se	PIP PIP Se	Game Setting	) Extra	Exit
Contrast							
Brightness			DCR	Off			
Eco mode			HDR Mode	Off			

	Contrast	0-100		Contrast from Digital-register		
	Brightness	0-100		Backlight Adjustment		
		Standard		Standard Mode		
		Text	Т	Text Mode		
		Internet	E	Internet Mode		
	Eco mode	Game		Game Mode		
	Ecomode	Movie	ø	Movie Mode		
		Sports	R	Sports Mode		
		Reading	R	Reading Mode		
		Uniformity		Uniformity Mode		
		Gamma1		Adjust to Gamma 1		
	Gamma	Gamma2		Adjust to Gamma 2		
		Gamma3		Adjust to Gamma 3		
	DOD	Off		Disable dynamic contrast ratio		
	DCR	On		Enable dynamic contrast ratio		
		Off	-			
	HDR Mode	HDR Picture		Adjust HDR Mode		
		HDR Movie				
		HDR Game				

### Color Setup

Color Setup	re Boost	OSD Setup	PIP PIP Setting	Game Setting	X Extra	Exit	Lumi	k inance
Color Temp.			Red	50			Off	►
DCB Mode	Off		Green	50				
DCB Demo	Off		Blue	50				

	Warm		Recall Warm Color Temperature from EEPROM
	Normal		Recall Normal Color Temperature from EEPROM
Color Temp.	Cool		Recall Cool Color Temperature from EEPROM
	sRGB		Recall SRGB Color Temperature from EEPROM
	User		Restore Color Temperature from EEPROM
	Full Enhance	On / Off	Disable or Enable Full Enhance Mode
	Nature Skin	On / Off	Disable or Enable Nature Skin Mode
DCB Mode	Green Field	On / Off	Disable or Enable Green Field Mode
DCB Mode	Sky-blue	On / Off	Disable or Enable Sky-blue Mode
	AutoDetect	On / Off	Disable or Enable AutoDetect Mode
	Off		Disable DCB Mode
DCB Demo		On / Off	Disable or Enable Demo
Red		0-100	Red gain from Digital-register
Green		0-100	Green gain from Digital-register
Blue		0-100	Blue gain from Digital-register

#### **Picture Boost**

<	CSD Setup	PIP PIP Setting	Game Setting	X Extra	Exit	Luminance	Color Setup
Bright Frame	<ul> <li>■ Off</li> </ul>		tness				0
Frame Size			rast				0

	Bright Frame	On / Off	Disable or Enable Bright Frame
	Frame Size	14-100	Adjust Frame Size
	Brightness	0-100	Adjust Frame Brightness
*	Contrast	0-100	Adjust Frame Contrast
	H. position	0-100	Adjust Frame horizontal Position
	V. position	0-100	Adjust Frame vertical Position

#### Note:

Adjust the brightness, contrast, and position of the Bright Frame for better viewing experience.

### OSD Setup

< 😪 > OSD Setup	PIP PIP Setting	Game Setting	× Extra	Exit	- XX- Luminance	Color Setup	Picture Boost
Language				5		parence	25
Timeout							Off ►
DP Capability							Auto 🕨

	Language		Select the OSD language
	Timeout	5-120	Adjust the OSD Timeout
	DP Capability	1.1 / 1.2	If the DP video content supports DP 1.2, please seclect DP1.2 for DP Capability , otherwise, please select DP1.1. Please be noted that only DP1.2 support Adaptive- Sync function
A	H. Position	0-100	Adjust the horizontal position of OSD
	V. Position	0-100	Adjust the vertical position of OSD
	USB*	3.2Gen1 / 2.0 / Off	For model need to turn on/off USB power during power saving.
	Transparence	0-100	Adjust the transparence of OSD
	Break Reminder	On / Off	Break reminder if the user continuously work for more than 1hrs
			*AUTO: Switch with display input source
	USB Selection	Auto / USB C / USB up	*USB C/USB up: Fix up stream not change with
			input source.

#### Notes:

\*USB C(DP Alt) signal input, and "USB" is set to "2.0", the maximum resolution is 3440x1440@100Hz.

#### **PIP Setting**

<pip> PIP Setting</pip>	Game Setting	) Extra	Exit	Luminance	Color Setup	re Boost		Setup
PIP	✓ Off						Off	•
Main Source	◄ HDMI1							
Sub Source	▲ DP			Off				

	PIP	Off / PIP / PBP	Off
	Main Source	Follow Input Select Content	HDMI1
	Sub Source	Follow Input Select Content	DP
PIP	Size	Small / Middle / Large	Small
• ••	Position	Right-Up / Right-Down / Left-Down / Left-Up	Right-Up
	Audio	On / Off	Off
	Swap		Swap the screen source

Refer to the table below for main/sub input source compability

Sub Main	HDMI1	DP	USB-C
HDMI1	Х	V	Х
DP	V	Х	V
USB-C	Х	V	Х

\*PxP color-related adjustments can only be operated by main, and sub is not supported.

So Main & sub will have different colors.

### Game Setting

<	X Extra	Exit Luminance	Color Setup	PIP Picture Boost OSD Setup PIP Setting			
Game Mode Shadow Control Low Input Lag	<ul> <li>Off</li> <li>50</li> <li></li>     &lt;</ul>	Game Color Overdrive Adaptive-Sync	<ul><li>Off</li><li>On</li></ul>	10     Frame Counter ◀     Off     ►       ►     MBR     10			
		Off FPS		No optimization by Smart image gameFor playing FPS (first Person Shooters)games. Improves dark theme black leveldetailsFor playing RTS (Real Time Strategy).			
	Game Mode	RTS		Improves the image quality For playing Racing games, Provides fastest response time and high color saturation			
		Gamer1 Gamer2		User's preference settings saved as Gamer 1 User's preference settings saved as			
		Gamer3		Gamer 2 User's preference settings saved as Gamer 3			
ننن <sup>ي</sup>	Shadow Control	0-100		<ul> <li>Shadow Control Default is 50, then enduser can adjust from 50 to 100 or 0 to increase contrast for clear picture.</li> <li>1. If picture is too dark to be saw the detail clearly, adjusting from 50 to 100 for clear picture.</li> <li>2. If picture is too white to be saw the detail clearly, adjusting from 50 to 0 for clear picture.</li> </ul>			
	Low input Lag	On / Off		Turn off frame buffer to decrease input lag			
	Game Color	0-20		Game Color will provide 0-20 level for adjusting saturation to get better picture			
	LowBlue Mode	Reading / Office / Inte Multimedia / Off	ernet /	Disable or Enable LowBlue Mode			
		Off					
	Overdrive	Weak		- Adjust the response time.			
		Medium Strong		_			
	Adaptive-Sync	On / Off		Adjust the Adaptive-Sync			
	DialPoint	On / Off		The "DialPoint" function places an ainming indicator in the center of screen for helping gamers to play First Person Shoot (FPS) games with an accurate and precise aiming.			

#### Note:

The function Overdrive Boost are available only when Adaptive-Sync is off and the vertical frequency is up to 75 Hz.

#### Extra

< 🔆 >	Exit	Luminance	Color Setup	Pic	ture Boost	OSD Setup	PIP PIP Setting	Game Setting
Input Select			DDC/CI					
Off Timer								
Image Ratio					Off			

	Input Select		Select Input Signal Source
	Off timer	0-24hrs	Select DC off time
2/	Image Ratio	Wide / 4:3 / 1:1 / movie1 / movie2	Select image ratio for display.
	DDC/CI	Yes or No	Turn On / Off DDC/CI Support
· ·	Reset	Yes or No	Reset the menu to default
	Frame Counter	Off / Right-up / Right-Down / Left-Down / Left-Up	Display V frequency on the corner selected

#### Exit

<	Luminance	Color Setup	Picture Boost	OSD Setup	PIP PIP Setting	Game Setting	)× Extra

### **LED Indicator**

Status	LED Color
Full Power Mode	White
Active-off Mode	Orange

# Troubleshoot

Problem & Question	Possible Solutions
Power LED Is Not ON	Make sure the power button is ON and the Power Cord is properly connected to a grounded power outlet and to the monitor.
No images on the screen	<ul> <li>Is the power cord connected properly? Check the power cord connection and power supply.</li> <li>Is the cable connected correctly? (Connected using the HDMI cable) Check the HDMI cable connection. (Connected using the DP cable) Check the DP cable connection.</li> <li>* HDMI/DP input is not available on every model.</li> <li>If the power is on, reboot the computer to see the initial screen (the login screen), which can be seen. If the initial screen (the login screen) appears, boot the computer in the applicable mode (the safe mode for Windows 7/8/10) and then change the frequency of the video card. (Refer to the Setting the Optimal Resolution) If the initial screen (the login screen) does not appear, contact the Service Center or your dealer.</li> <li>Can you see "Input Not Supported" on the screen? You can see this message when the signal from the video card exceeds the maximum resolution and frequency that the monitor can handle properly. Adjust the maximum resolution and frequency that the monitor can handle properly.</li> <li>Make sure the AOC Monitor Drivers are installed.</li> </ul>
Picture Is Fuzzy & Has Ghosting Shadowing Problem	Adjust the Contrast and Brightness Controls. Press to auto adjust. Make sure you are not using an extension cable or switch box. We recommend plugging the monitor directly to the video card output connector on the back.
Picture Bounces, Flickers Or Wave Pattern Appears In The Picture	Move electrical devices that may cause electrical interference as far away from the monitor as possible. Use the maximum refresh rate your monitor is capable of at the resolution you are using.
Monitor Is Stuck In Active Off- Mode"	The Computer Power Switch should be in the ON position. The Computer Video Card should be snugly fitted in its slot. Make sure the monitor's video cable is properly connected to the computer. Inspect the monitor's video cable and make sure no pin is bent. Make sure your computer is operational by hitting the CAPS LOCK key on the keyboard while observing the CAPS LOCK LED. The LED should either turn On / Off after hitting the CAPS LOCK key.
Missing one of the primary colors (RED, GREEN, or BLUE)	Inspect the monitor's video cable and make sure that no pin is damaged. Make sure the monitor's video cable is properly connected to the computer.
Picture has color defects (white does not look white)	Adjust RGB color or select desired color temperature.
Horizontal or vertical disturbances on the screen	Use Windows 7/8/10 shut-down mode to adjust CLOCK and FOCUS. Press to auto-adjust.

# Specification

### **General Specification**

	Model name		CU34P2C			
	Driving system		TFT Color LCD			
Denel	Viewable Imag	e Size	86.36 cm diagonal			
Panel	Pixel pitch		0.23175mm(H) x 0.23	175mm(V)		
	Video		HDMI Interface & DP I	Interface		
	Display Colors		8 bit			
	Horizontal scar	n range	30-160KHZ			
	Horizontal scar	n Size(Maximum)	797.22mm			
	Vertical scan ra	ange	48-100HZ			
	Vertical Scan S	Size(Maximum)	333.72mm			
	Optimal preset	resolution	3440x1440@60Hz			
	Max resolution		3440x1440@100Hz(⊦	IDMI,DP,USB C*)		
Others	Plug & Play		VESA DDC2B/CI			
Others	Input Connecto	or	HDMI/DP			
	Power Source		100-240V~, 50/60Hz,2	2A		
	Denne	Typical (default brightness and contrast)	55W			
	Power Consumption	Max. (brightness = 100, contrast =100)	185W			
		Standby mode	≤0.5W			
Physical	Connector Typ	e	HDMI/DP/USB/USB C	;		
Characteristics	Signal Cable T	уре	Detachable			
	Temperature		Operating	0°~ 40°		
	Temperature		Non-Operating	-25°~ 55°		
Environmental	Humidity		Operating	10% ~ 85% (non-condensing)		
			Non-Operating	5% ~ 93% (non-condensing)		
	Altitude		Operating	0~ 5000m (0~ 16404ft )		
			Non-Operating	0~ 12192m (0~ 40000ft )		

\*Note: USB C(DP Alt) signal input, and "USB" is set to "2.0", the maximum resolution is 3440x1440@100Hz

Color bits Limitation:

	422/420	444/RGB	422/420	444/RGB	422/420		444/RGB	
CU34P2C	(HDMI2.0)	(HDMI2.0)	(DP1.2)	(DD1 2)	USBC@	USBC@	USBC@	USBC@
	(HDIVII2.0)		(DP1.2)	(DP1.2)	USB3.2	USB2.0	USB3.2	USB2.0
WQHD 100Hz 8 bit	NA	ОК	ОК	ОК	NA	ОК	NA	ОК
WQHD 75Hz 8 bit	NA	ОК	ОК	ОК	ОК	ОК	NA	ОК
low recelutions 0 hit/40 hit	8 bit OK	8 bit OK	8 bit OK	8 bit OK	8 bit OK	8 bit OK	8 bit OK	8 bit OK
low resolutions 8 bit/10 bit	10 bit NA	10 bit NA	10 bit NA	10 bit NA	Implicit     USB3.2       OK     NA       OK     OK       bit OK     8 bit OK	10 bit NA	10 bit NA	10 bit NA



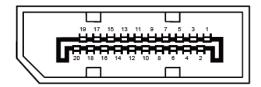
### Preset Display Modes

STANDARD RESOLUTION		HORIZONTAL FREQUENCY(kHz)	VERTICAL FREQUENCY(Hz)	
	640x480@60Hz	31.469	59.94	
VGA	640x480@72Hz	37.861	72.809	
	640x480@75Hz	37.5	75	
	800x600@60Hz	37.879	60.317	
SVGA	800x600@72Hz	FREQUENCY(kHz)           31.469           37.861           37.5	72.188	
	800x600@75Hz		75	
	1024x768@60Hz	48.363	60.004	
XGA	1024x768@70Hz	56.476	70.069	
	1024x768@75Hz	60.023	75.029	
SXGA -	1280x1024@60Hz	63.981	60.020	
SAGA	1280x1024@75Hz	79.976	75.025	
	1440x900@60Hz	55.935	59.887	
WXGA+	1440x900@60Hz	55.469	59.901	
WSXGA	1680x1050@60Hz	65.290	59.954	
WSAGA	1680x1050@60Hz	64.674	59.883	
HD	1920x1080@60Hz	67.5	60	
	2560x1080@60HZ	66	60	
QHD	2560x1080@50HZ	56.25	50	
	2560x1080@120HZ	150	120	
	3440x1440@60HZ	89.819	59.973	
WQHD	3440x1440@75HZ	111.875	74.983	
	3440x1440@100HZ	150.972	99.982	
	MAC M	ODES		
VGA	640x480@67Hz	35.000	66.667	
SVGA	832x624@75Hz	49.725	74.551	
XGA	1024x768@75Hz	60.241	74.927	

### **Pin Assignments**



Pin No.	Signal Name	Pin No.	Signal Name	Pin No.	Signal Name
1.	TMDS Data 2+	9.	TMDS Data 0-	17.	DDC/CEC Ground
2.	TMDS Data 2 Shield	10.	TMDS Clock +	18.	+5V Power
3.	TMDS Data 2-	11.	TMDS Clock Shield	19.	Hot Plug Detect
4.	TMDS Data 1+	12.	TMDS Clock-		
5.	TMDS Data 1Shield	13.	CEC		
6.	TMDS Data 1-	14.	Reserved (N.C. on device)		
7.	TMDS Data 0+	15.	SCL		
8.	TMDS Data 0 Shield	16.	SDA		



#### 20-Pin Color Display Signal Cable

Pin No.	Signal Name	Pin No.	Signal Name
1	ML_Lane 3 (n)	11	GND
2	GND	12	ML_Lane 0 (p)
3	ML_Lane 3 (p)	13	CONFIG1
4	ML_Lane 2 (n)	14	CONFIG2
5	GND	15	AUX_CH(p)
6	ML_Lane 2 (p)	16	GND
7	ML_Lane 1 (n)	17	AUX_CH(n)
8	GND	18	Hot Plug Detect
9	ML_Lane 1 (p)	19	Return DP_PWR
10	ML_Lane 0 (n)	20	DP_PWR

### **Plug and Play**

#### Plug & Play DDC2B Feature

This monitor is equipped with VESA DDC2B capabilities according to the VESA DDC STANDARD. It allows the monitor to inform the host system of its identity and, depending on the level of DDC used, communicate additional information about its display capabilities.

The DDC2B is a bi-directional data channel based on the I2C protocol. The host can request EDID information over the DDC2B channel.