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# **C43BI-AC-4000 4K UHD USER'S MANUAL**

SECURITY CCTV MONITOR

**GVISION USA, INC**

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## Important Information



### WARNING



TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. ALSO, DO NOT USE THIS UNIT'S POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLETS UNLESS THE PRONGS CAN BE FULLY INSERTED.

REFRAIN FROM OPENING THE CABINET AS THERE ARE HIGH VOLTAGE COMPONENTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



### CAUTION



TO REDUCE THE RISK OF ELECTRIC SHOCK, MAKE SURE POWER CORD IS UNPLUGGED FROM WALL SOCKET. TO FULLY DISENGAGE THE POWER TO THE UNIT, PLEASE DISCONNECT THE POWER CORD FROM THE AC OUTLET. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol warns user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any part inside this unit.



This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.

**CAUTION:** Please use the power cord provided with this display in accordance with the table below. If a power cord is not supplied with this equipment, please contact GVISION. For all other cases, please use the power cord with the plug style that matches the power socket where the monitor is located. The compatible power cord corresponds to the AC voltage of the power outlet and has been approved by, and complies with, the safety standards in the country of purchase.

*\*When operating this monitor with its AC 125-240V power supply, use a power supply cord that matches the power supply voltage of the AC power outlet being used.*

## Care and Cleaning

- Always unplug your monitor from the wall outlet before cleaning. Clean the LCD monitor surface with a lint-free, non-abrasive cloth. Avoid using any liquid, aerosol or glass cleaners.
- Slots and openings on the back or top of the cabinet are for ventilation. They must not be blocked or covered. Your monitor should never be placed near or over a radiator or heat source, or in a built-in installation unless proper ventilation is provided.
- Never push objects or spill liquid of any kind into this product.

## Safety Precautions / Maintenance

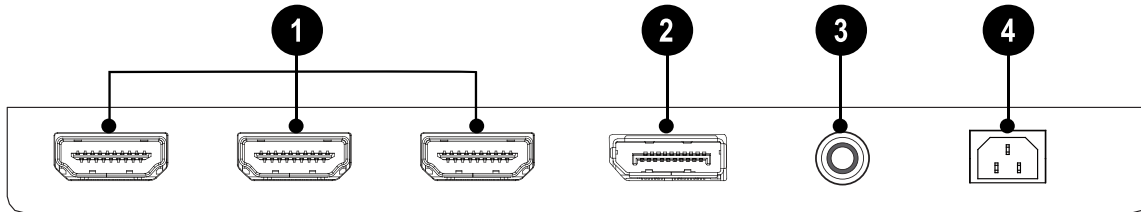
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the monitor combination to avoid injury from tip-over.
- Unplug monitor during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the monitor has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Do not press strongly upon the panel with a hand or a sharp object such as a nail, pencil, or pen, or make a scratch on it.
- Do not stick metal objects or any other conductive material into the power cord. Do not touch the end of the power cord while it is plugged in.
- Keep the packing anti-moisture material or vinyl packing out of the reach of children. Anti-moisture material is harmful if swallowed. If swallowed, induce vomiting and go to the nearest hospital. Additionally, vinyl packing can cause suffocation. Keep it out of the reach of children.
- Concerning the Power Cord (Can differ by country): Check the specification page of this owner's manual to be certain concerning current requirements. Do not connect too many devices to the same AC power outlet as this could result in fire or electric shock. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your device, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the device, and have the cord replaced with an exact replacement part by an authorized servicer. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the device. Do not move the monitor with the power cord plugged in. Do not use a damaged or loose power cord. Be sure do grasp the plug when unplugging the power cord. Do not pull on the power cord to unplug the monitor.
- To reduce the risk of fire or electrical shock, do not expose this product to rain, moisture or other liquids. Do not touch the screen with wet hands. Do not install this product near flammable objects such as gasoline or candles, or expose the TV to direct air conditioning.
- Do not use high voltage electrical equipment near the TV (e.g., a bug zapper). This may result in product malfunction.
- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g., on shelves above the unit).
- Do not attempt to modify this product in any way without written authorization from GVISION. Unauthorized modification could void the user's authority to operate this product.
- **Moving:** Make sure the product is turned off, unplugged, and all cables have been removed. It may take 2 or more people to carry monitor. Do not press or put stress on the front panel of the monitor screen.
- If you smell smoke or other odors coming from the monitor screen, unplug the power cord and contact an authorized service center.
- If water or another substance enters the product (like an AC adapter, power cord, or display unit), disconnect the power cord and contact the service center immediately. Otherwise, this may result in fire or electric shock.

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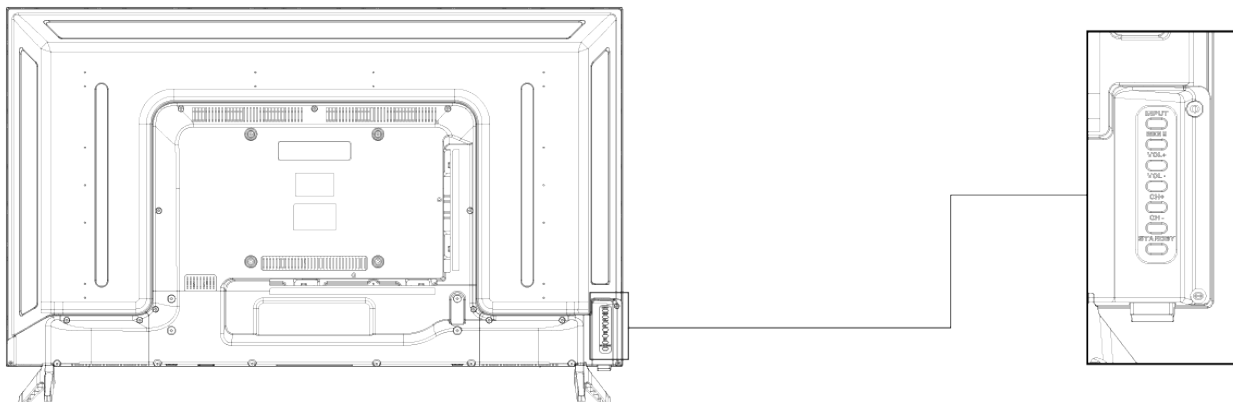
# 1 Controllers & Settings

## 1.1 Monitor Interface



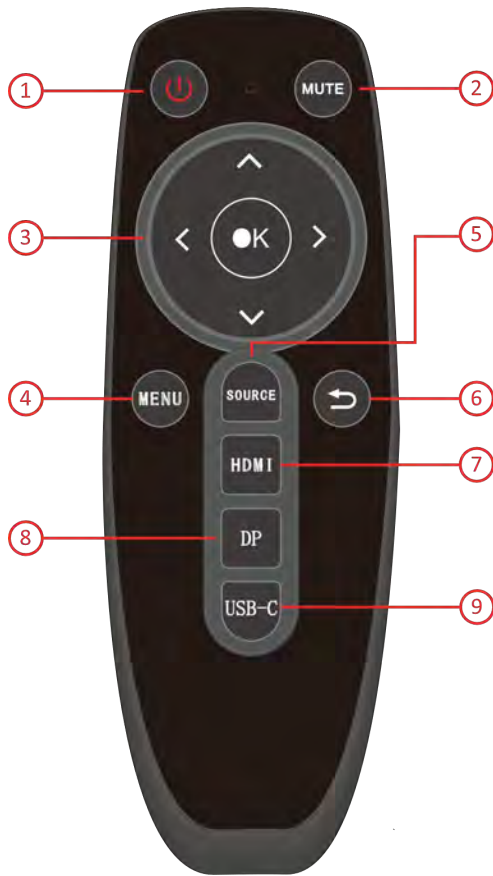
INTERFACES INSTRUCTION		
1	HDMI IN	The HDMI Input Source
2	DP IN	The DP Input Source
3	AUDIO OUT	The Audio Output for VGA Input channel
4	AC IN	The main power input of monitor, AC IN

## 1.2 Monitor Controller Button



1	INPUT	External signal input selection.
2	MENU	Display main menu and confirm menu item selection.
3	VOL	Adjusting Volume.
4	CH	Selecting Channel
5	STANDBY	Turn ON/OFF Power

### 1.3 Remote Control



1	<b>Power button</b>
	Press to enter or exit the standby mode.
2	<b>Mute button</b>
	Press to turn on or off the audio output.
3	<b>OK button</b>
	Press to confirm selection in the setup menu.
4	<b>Menu button</b>
	Press to enter or exit the setup menu.
5	<b>Source button</b>
	Press to enter or exit the interface menu.
6	<b>Return button</b>
	Press this key to return the menu.
7	<b>HDMI button</b>
	Press to enter HDMI mode.
8	<b>DP button</b>
	Press to enter DP mode.
9	<b>USB-C</b>
	Press to enter USB-C mode.

### 1.4 Select Input Source

1. Activate the Signal Input Selection menu. Use ◀and▶ to navigate and M to select the source.
2. Activate the Line of Sight feature. Further press to cycle between the colors or t urn off.
3. Activate the ECO Mode feature. Press to cycle through the presets.



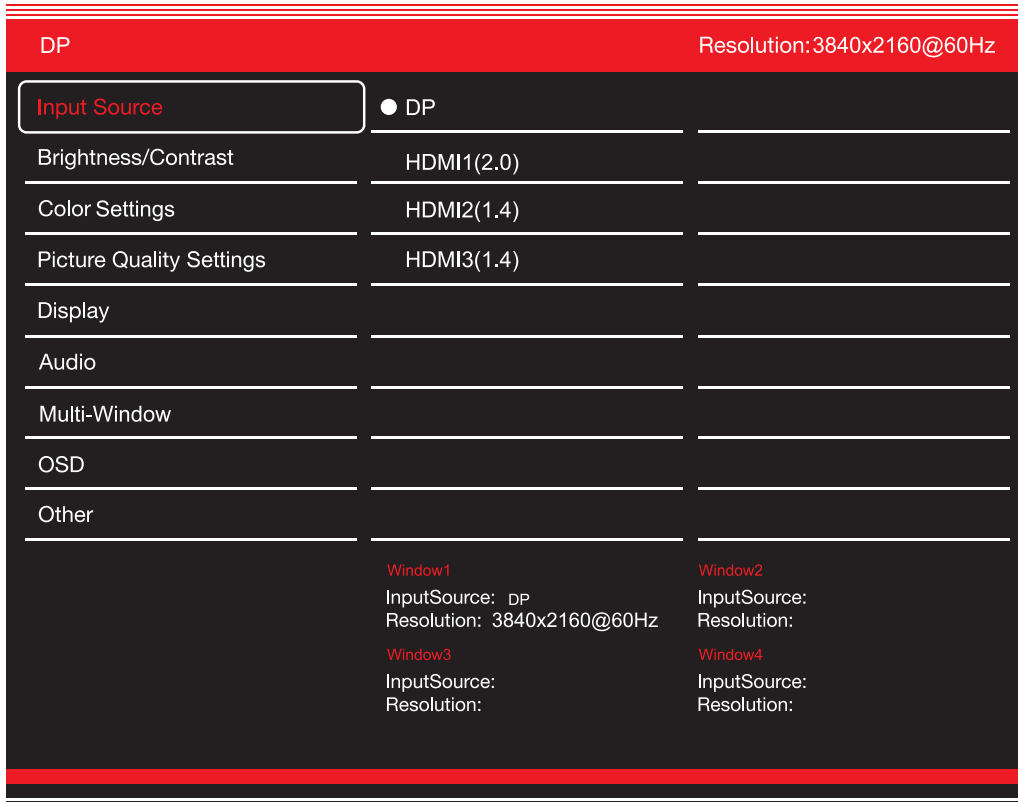
### Initial Set-Up

1. Press the POWER button on the monitor or to turn it on.
2. Connect the relevant cable to the corresponding input on the monitor. The source will be automatically detected.
3. To change between inputs, press the “Source” button to enter the source menu. Use the “◀”and“▶” buttons to choose the input source between Auto Select, Type-C, DP, HDMI1 and HDMI2.



# 2 OSD Menu Control

## 2.1 Input Source



Switch the signal input to DP, HDMI1, HDMI2, HDMI2or have the Select the source

## 2.2 Brightness / Contrast

DP		Resolution:3840x2160@60Hz
Input Source	Brightness	80
<b>Brightness/Contrast</b>	Contrast	50
Color Settings	DCR	Off
Picture Quality Settings		
Display		
Audio		
Multi-Window		
OSD		
Other		
	Window1 InputSource: DP Resolution: 3840x2160@60Hz	Window2 InputSource: Resolution:
	Window3 InputSource: Resolution:	Window4 InputSource: Resolution:

<b>Brightness</b>	Change the display brightness value from 0 to 100.
<b>Contrast</b>	Adjust the display contrast value from 0 to 100.
<b>DCR</b>	Turn the Dynamic Contrast Ratio features On or Off.



## 2.3 Color Settings

DP		Resolution: 3840x2160@60Hz
Input Source	Gamma	2.2
Brightness/Contrast	Picture Mode	Standard
<b>Color Settings</b>	Color Temperature	Warm
Picture Quality Settings	Hue	50
Display	Saturation	50
Audio	Low Blue Light	0
Multi-Window		
OSD		
Other		
	Window1 InputSource: DP Resolution: 3840x2160@60Hz	Window2 InputSource: Resolution:
	Window3 InputSource: Resolution:	Window4 InputSource: Resolution:

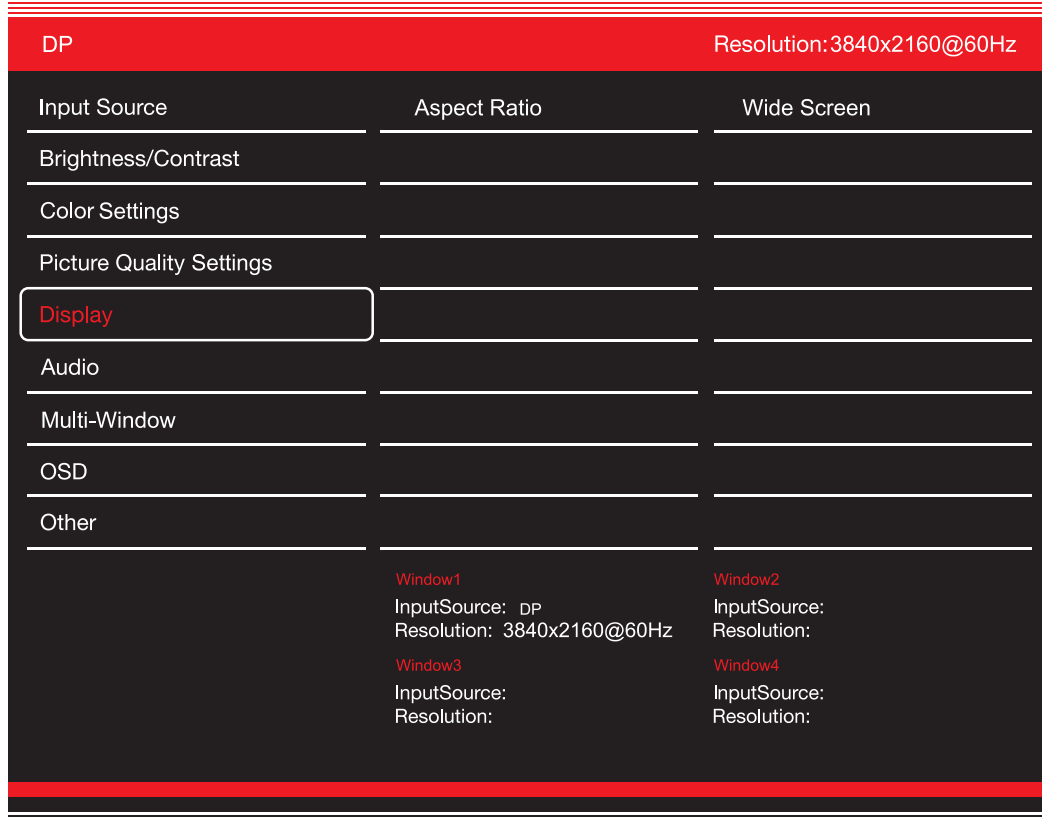
<b>Gamma</b>	Change the display Gamma Value to:2.0,2.2,2.4.
<b>Picture Mode</b>	Change mode to Standard, photo, movie, Game, FPS, RTS.
<b>Color Temperature</b>	Change the color temperature to Normal, Warm, Cool, User.
<b>Hue</b>	Change the display Hue value from 0 to 100.
<b>Saturation</b>	Change the display Saturation value from 0 to 100.
<b>Low Blue Light</b>	Change the display blue light from 0 to 100.

## 2.4 Picture Quality Settings

DP		Resolution:3840x2160@60Hz
Input Source	Sharpness	50
Brightness/Contrast	Response Time	Off
Color Settings	Noise Reduction	Off
<b>Picture Quality Settings</b>	Super Resolution	Off
Display	Dynamic Luminance Control	Off
Audio		
Multi-Window		
OSD		
Other		
	Window1 InputSource: DP Resolution: 3840x2160@60Hz	Window2 InputSource: Resolution:
	Window3 InputSource: Resolution:	Window4 InputSource: Resolution:

<b>Sharpness</b>	Change the display Sharpness value from 0 to 100.
<b>Response Time</b>	Turn the Response Time feature On or Off.
<b>Noise Reduction</b>	Select the Noise Reduction Value from Low, Middle, High or turn it Off.
<b>Super Resolution</b>	Select the Super Resolution Value from Low, Middle, High or turn it Off.
<b>Dynamic Luminance Control</b>	Turn the Dynamic Luminance Control feature On or Off.

## 2.5 Display



<b>Aspect Ratio</b>	Change the image aspect ratio to Full Screen, Auto, 4:3, 5:4 or 1:1.
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DP		Resolution: 3840x2160@60Hz
Input Source	Mute	Off
Brightness/Contrast	Volume	50
Color Settings	Audio Source	HDMI1
Picture Quality Settings		
Display		
<b>Audio</b>		
Multi-Window		
OSD		
Other		
	Window1 InputSource: DP Resolution: 3840x2160@60Hz	Window2 InputSource: Resolution:
	Window3 InputSource: Resolution:	Window4 InputSource: Resolution:

<b>Mute</b>	Turn On or Off to mute the audio source.
<b>Volume</b>	Change the audio source volume from 0 to 100.
<b>Audi Source</b>	Select the audio source to DisplayPort, HDMI1, HDMI2, HDMI3. or Auto to have the monitor choose.

## 2.7 Multi-Window

DP		Resolution:3840x2160@60Hz
Input Source	Multi-Window	Off
Brightness/Contrast	Sub Win2 Input	DP
Color Settings	Sub Win3 Input	HDMI3(1.4)
Picture Quality Settings	Sub Win4 Input	DP
Display	PIP Size	Medium
Audio	PIP Position	TopRight
<b>Multi-Window</b>	Swap	
OSD		
Other		
	Window1 InputSource: DP Resolution: 3840x2160@60Hz	Window2 InputSource: Resolution:
	Window3 InputSource: Resolution:	Window4 InputSource: Resolution:

<b>Multi-Window</b>	Change the multi-window to Off, PIP Mode, PBP 2Win~4.
<b>Sub Win2 Input</b>	Change the sub win2 input to DP, HDMI1 (2.0), HDMI2 (1.4), HDMI3(1.4).
<b>Sub Win3 Input</b>	Change the sub win2 input to DP, HDMI1 (2.0), HDMI2 (1.4), HDMI3 (1.4).
<b>Sub Win4 Input</b>	Change the sub win2 input to DP, HDMI1 (2.0), HDMI2 (1.4), HDMI3 (1.4).
<b>PIP Size</b>	Change the PIP size to Small, Medium, Large.
<b>PIP Position</b>	Change the PIP position to Top Right, Top Left, Bottom Right.
<b>Swap</b>	Exchange function.

## 2.8 OSD

DP		Resolution:3840x2160@60Hz
Input Source	Language	English
Brightness/Contrast	OSD H-Position	50
Color Settings	OSD V-Position	50
Picture Quality Settings	OSD Transparency	20
Display	OSD Time Out	20
Audio	OSD Rotation	Normal
Multi-Window		
<b>OSD</b>		
Other		
	Window1 InputSource: DP Resolution: 3840x2160@60Hz	Window2 InputSource: Resolution:
	Window3 InputSource: Resolution:	Window4 InputSource: Resolution:

<b>Language</b>	Change the OSD Menu display language.
<b>OSD H Position</b>	Change the horizontal position of the OSD Menu.
<b>OSD V Position</b>	Change the vertical position of the OSD Menu.
<b>OSD Transparency</b>	Change the transparency value of the OSD Menu from 0 to 100.
<b>OSD Timer Out</b>	Change how long the OSD Menu is on before it automatically exits.
<b>Menu Rotation</b>	Rotate the OSD Menu.

## 2.9 Other

DP		Resolution: 3840x2160@60Hz
Input Source	FreeSync(Adaptive Sync)	Off
Brightness/Contrast	HDR	Off
Color Settings	Flicker Free	Off
Picture Quality Settings	Reset	
Display		
Audio		
Multi-Window		
OSD		
Other		
	Window1 InputSource: DP Resolution: 3840x2160@60Hz	Window2 InputSource: Resolution:
	Window3 InputSource: Resolution:	Window4 InputSource: Resolution:

<b>FreeSync Mode</b>	Turn FreeSync On or Off.
<b>HDR</b>	Turn HDR On or Off.
<b>Flicker Free</b>	Turn Flicker Free On or Off.
<b>Reset</b>	Restore factory default setting.

## 3 Specifications

MODEL	C43BI-AC-4000
Screen Size	43-Inch
Resolution	3840 x 2160
Refresh	60Hz
Brightness (MAX)	400cd/m <sup>2</sup>
Response Time (Typical)	5ms
Aspect Ratio	16:9
Viewing Angle	178°(H) / 178°(V)
Display Color	1.07 Billion
INTERFACE	
HDMI	3
DisplayPort (DP)	1
Audio Out	1
AUDIO	
Speaker	5Wx2
CABINET	
Color/Material	Black/Plastic
POWER	
Consumption	Typical 110W
Electrical Rating	AC 100~240V 50/60Hz
TEMPERATURE	
Operating	-20~50°C
Storage	-30~70°C
VESA™	
Mount Size	200x200mm

*Specifications subject to change without any notice*



# 4 Dimensions

C43BI-AC-4000

