AOPEN LCD Monitor User Guide

Copyright © 2018. AOPEN Incorporated. All Rights Reserved.

AOPEN LCD Monitor User Guide Original Issue: 7/2018

Changes may be made periodically to the information in this publication without obligation to notify any person of such revisions or changes. Such changes will be incorporated in new editions of this manual or supplementary documents and publications. This company makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims the implied warranties of merchantability or fitness for a particular purpose.

Record the model number, serial number, purchase date and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your computer. All correspondence concerning your unit should include the serial number, model number and purchase information.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronically, mechanically, by photocopy, recording or otherwise, without the prior written permission of AOPEN Incorporated.

AOPEN LCD Monitor User Guide

Model number:	
Serial number:	
Date of purchase: _	
Place of purchase:	

AOPEN and the AOPEN logo are registered trademarks of AOPEN Incorporated. Other companies' product names or trademarks are used herein for identification purposes only and belong to their respective companies.

Information for your safety and comfort

Safety instructions

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

AOPEN monitor is purposed for video and visual display of information obtained from electronic devices.

Special notes on LCD monitors

The following are normal with the LCD monitor and do not indicate a problem.

- Due to the nature of the fluorescent light, the screen may flicker during initial use. Turn
 off the power switch and then turn it on again to make sure the flicker disappears.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- The LCD screen has 99.99% or more effective pixels. It may include blemishes of 0.01% or less such as a missing pixel or pixel lit all the time.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain
 after switching the image, when the same image is displayed for hours. In this case, the
 screen is recovered slowly by changing the image or turning off the power switch for a
 few hours

Cleaning your monitor

Please carefully follow these guidelines when cleaning the monitor:

- · Always unplug the monitor before cleaning.
- Use a soft cloth to wipe the screen and cabinet front and sides.

Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power from the equipment, be sure to unplug the power cord from the electrical outlet.

Safe listening

To protect your hearing, follow these instructions.

- Gradually increase the volume until you can hear it clearly and comfortably and without distortion.
- After setting the volume level, do not increase it after your ears have adjusted.
- Limit the amount of time listening to music at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

Warnings

- · Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the
 product and to protect it from overheating. These openings must not be blocked or
 covered. The openings should never be blocked by placing the product on a bed, sofa,
 rug or other similar surface. This product should never be placed near or over a radiator
 or heat register, or in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
 Never spill liquid of any kind onto or into the product.
- To avoid dmage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.
- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage internal devices.

Using electrical power

- This product should be operated from the type of power indicated on the marking label.
 If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people
 will walk on the cord.

- If an extension cord is used with this product, make sure that the total ampere rating
 of the equipment plugged into the extension cord does not exceed the extension cord
 ampere rating. Also, make sure that the total rating of all products plugged into the wall
 outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The
 overall system load must not exceed 80% of the branch circuit rating. If power strips are
 used, the load should not exceed 80% of the power strip's input rating.
- This product's power cord is equipped with a three-wire grounded plug. The plug only
 fits in a grounded power outlet. Make sure the power outlet is properly grounded before
 inserting the power cord plug. Do not insert the plug into a non-grounded power outlet.
 Contact your electrician for details.



Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.



Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

Use the product only with the supplied power supply cord set. If you need to replace the
power cord set, make sure that the new power cord meets the following requirements:
detachable type, UL listed/CSA certified, type SPT-2, rated 7 A 125 V minimum, VDE
approved or its equivalent, 4.6 meters (15 feet) maximum length.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or fraved
- · liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions



Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere and obey all signs and instructions. Potentially explosive atmospheres include areas where you would normally be advised to turn off your vehicle engine. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Switch off the device near depots, storage and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), and areas where the air contains chemicals or particles such as grain, dust or metal powders.

Additional safety information

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

IT Equipment Recycling Information

AOPEN is strongly committed to environmental protection and views recycling, in the form of salvaging and disposal of used equipment, as one of the company's top priorities in minimizing the burden placed on the environment.

We at AOPEN are very conscious of the environmental effects of our business and strive to identify and provide the best working procedures to reduce the environmental impact of our products.

Disposal instructions



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

LCD pixel statement

The LCD unit is produced with high-precision manufacturing techniques. Nevertheless, some pixels may occasionally misfire or appear as black or red dots. This has no effect on the recorded image and does not constitute a malfunction.

Tips and information for comfortable use

Computer users may complain of eyestrain and headaches after prolonged use. Users are also at risk of physical injury after long hours of working in front of a computer. Long work periods, bad posture, poor work habits, stress, inadequate working conditions, personal health and other factors greatly increase the risk of physical injury.

Incorrect computer usage may lead to carpal tunnel syndrome, tendonitis, tenosynovitis or other musculoskeletal disorders. The following symptoms may appear in the hands, wrists, arms. shoulders. neck or back:

- · numbness, or a burning or tingling sensation
- aching, soreness or tenderness
- · pain, swelling or throbbing
- · stiffness or tightness
- · coldness or weakness

If you have these symptoms, or any other recurring or persistent discomfort and/or pain related to computer use, consult a physician immediately and inform your company's health and safety department.

The following section provides tips for more comfortable computer use.

Finding your comfort zone

Find your comfort zone by adjusting the viewing angle of the monitor, using a footrest, or raising your sitting height to achieve maximum comfort. Observe the following tips:

- · refrain from staying too long in one fixed posture
- avoid slouching forward and/or leaning backward
- · stand up and walk around regularly to remove the strain on your leg muscles

Taking care of your vision

Long viewing hours, wearing incorrect glasses or contact lenses, glare, excessive room lighting, poorly focused screens, very small typefaces and low-contrast displays could stress your eyes. The following sections provide suggestions on how to reduce eyestrain.

Eyes

- Rest your eyes frequently.
- Give your eyes regular breaks by looking away from the monitor and focusing on a istant point.
- Blink frequently to keep your eyes from drying out.

Display

- · Keep your display clean.
- Keep your head at a higher level than the top edge of the display so your eyes point downward when looking at the middle of the display.
- Adjust the display brightness and/or contrast to a comfortable level for enhanced text readability and graphics clarity.
- · Eliminate glare and reflections by:
 - placing your display in such a way that the side faces the window or any light source
 - minimizing room light by using drapes, shades or blinds
 - using a task light
 - · changing the display's viewing angle
 - using a glare-reduction filter
 - using a display visor, such as a piece of cardboard extended from the display's top front edge
- Avoid adjusting your display to an awkward viewing angle.
- Avoid looking at bright light sources, such as open windows, for extended periods of time.

Developing good work habits

Develop the following work habits to make your computer use more relaxing and productive:

- Take short breaks regularly and often.
- · Perform some stretching exercises.
- Breathe fresh air as often as possible.
- · Exercise regularly and maintain a healthy body.

Contents

Unpacking	1
Installing/removing base	
Adjusting screen position	4
Connecting the power cord	5
Safety precautions	5
Cleaning the display	5
Connector pin assignment	7
Standard timing table	8
Installation	9
User control	10
Troubleshooting	19
-	

Unpacking

When you unpack the box, ensure that the following items are present, and retain the packing materials for future shipment.

LCD monitor



Power adapter





Quick start guide

- HDMI cable (optional)
- D-Sub cable (optional)



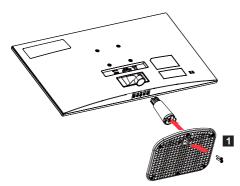


Installing/removing base

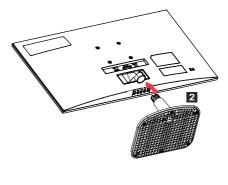


Note: Unpack the monitor and base first. Carefully place the monitor face down on a stable surface - use a cloth pad to prevent scratching the screen.

1. Attach the monitor stand arm to the base.



2. Secure the base to the arm of the monitor stand base.





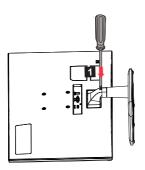
Note: If using a wall-mounting kit, we recommend using a VESA mounting kit (75 mm × 75 mm) and M4 × 10 (L) mm screws to secure the monitor to the wall.

Follow these instructions to remove the base from the monitor.

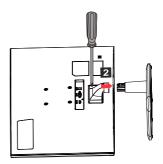


Note: Carefully place the monitor face down on a flat surface - use a cloth pad to prevent scratching the screen.

1. Press the release latch with a screwdriver.



2. After pressing the release latch, remove the base from the monitor.

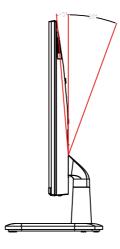


Adjusting screen position

For the best viewing position, adjust the display tilt.

Tilt

See the illustration below for an illustration of the tilt range.



Connecting the power cord

(I) AC power

- Please first ensure the power cord you are using is the correct type required in your area.
- This monitor uses universal power and can run on 100/120 volts or 220/240 volts AC. The user does not need to make any adjustments.
- Plug one end of the power cord into the AC power input, and plug the other end into an AC power outlet.
- Areas where 120 volts are used:
 Use a UL-compliant power cord kit, including SVT-type leads and a 10-amp/125-volt plug.
- Areas using 220/240 volts (outside the United States):
 Use a power cord kit consisting of an H05VV-F cord and a 10 amp, 250 volt plug. This power cord kit must meet the safety standards for the country where you are installing the device.

(II) DC power supply

• Use the power adapter provided by the manufacturer, the specifications are:

22 inch/24 inch	Input: 100-240 V	Output: 12 V 2.0 A
27 inch/32 inch	Input: 100-240 V	Output: 12 V 3.5 A

Safety precautions

- Avoid placing the monitor or any other heavy objects on the power adapter, as this may cause fire or electric shock.
- Do not expose the monitor to rain, excessive humidity or dust, as this may cause fire or electric shock.
- Do not cover slots or openings on the monitor to facilitate normal heat dissipation. Place the monitor in a well-ventilated location.
- Avoid placing the display in front of an overly bright background, or where
 direct sunlight or other light sources may shine on the display surface. Place
 the monitor directly below your line of sight when staring straight ahead.
- · Use extreme caution when handling the monitor.
- Please avoid hitting the display, and do not scratch the screen surface. The screen is fragile.
- To prevent damage to the monitor, do not lift the monitor using the stand.

Cleaning the display

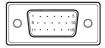
When you clean the monitor, follow the instructions carefully.

- · Before cleaning, unplug the monitor's power adapter.
- Use a soft cloth to gently wipe the screen and the front and sides of the case.
- Never spill any liquid directly onto or into the screen or its case.

- Do not use any ammonia- or alcohol-based cleaners on the LCD monitor screen or case.
- AOPEN is not responsible for damage caused by the use of any ammonia or alcohol based cleaners.

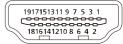
Connector pin assignment

15-pin color display signal cable



Threading	Explanations	Threading	Explanations
1.	Red	9.	+5 V
2.	Green	10.	Logic ground
3.	Blue	11.	Monitor ground
4.	Monitor ground	12.	DDC-continuous data
5.	DDC return	13.	Line sync signal
6.	Red-ground	14.	Field sync signal
7.	Green-ground	15.	DDC-continuous clock
8.	Blue-ground		

19-pin color display signal cable*



Threading	Use	Threading	Use
1.	TMDS data 2 +	10.	TMDS clock +
2.	TMDS data 2 mask	11.	TMDS clock mask
3.	TMDS data 2 -	12.	TMDS clock -
4.	TMDS data 1 +	13.	CEC
5.	TMDS data 1 mask	14.	Reserved (not connected on the device)
6.	TMDS data 1 -	15.	SCL
7.	TMDS data 0 +	16.	SDA
8.	TMDS data 0 mask	17.	DDC/CEC ground
9.	TMDS data 0 -	18.	+5 V power supply
		19.	Hot plug detection

^{*} Limited to specific models

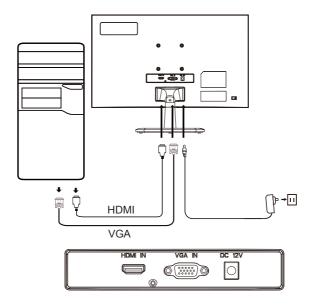
Standard timing table

Mode	Resolution		Remarks
IBM VGA	640 × 480p	60 Hz	
Apple Mac II	640 × 480p	67 Hz	
VESA	640 × 480p	75 Hz	
IBM VGA	720 × 400p	70 Hz	
SVGA	800 × 600p	56 Hz	
VESA	800 × 600p	60 Hz	
SVGA	800 × 600p	72 Hz	
VESA	800 × 600p	75 Hz	
Apple Mac II	832 × 624p	75 Hz	
VESA	1024 × 768p	60 Hz	
XGA	1024 × 768p	70 Hz	
VESA	1024 × 768p	75 Hz	
VESA STD	1152 × 864p	75 Hz	
VESA STD	1280 × 720p	60 Hz	
VESA STD	1280 × 960p	60 Hz	
VESA STD	1280 × 1024p	60 Hz	
VESA	1280 × 1024p	75 Hz	
WXGA+	1440 × 900p	60 Hz	
VESA STD	1600 × 1200p	60 Hz	
WSXGA+	1680 × 1050p	60 Hz	
VESA STD	1920 × 1080p	60 Hz	
VESA STD	1920 × 1080p	75 Hz	Only available on certain models

Installation

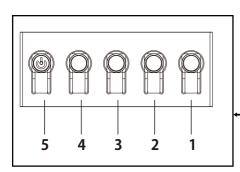
Follow these steps to install the monitor on your host system: Steps

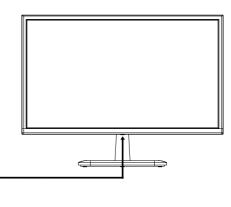
- 1. Turn off your computer and unplug the power cord.
- 2. 2-1 Connect the signal cable (VGA cable)
 - a. Make sure the monitor and computer are powered off.
 - b. Connect the signal cable to the computer's graphics card port.
 - 2-2 Connect digital cable (Dual input models only)
 - a. Make sure the monitor and computer are powered off.
 - b. Connect one end of the HDMI cable to the back of the monitor and the other end to the HDMI port on your computer.
- 3. Connect the audio cable (only Audio input model) (optional)
- 4. Plug the monitor power adapter into the power port on the back of the monitor.
- 5. Plug the computer power cable and monitor power adapter into the nearby power outlet.



User control

Basic controls





Number	Icon	Description
1		Go to the main menu.
2		Enter the source mode.
3		Enter contrast adjustment.
4		Enter brightness adjustment.
5	ტ	In the powered-off state, pressing the button powers on the device; in the powered-on state, pressing the button normally enters the mode switching menu, and long- pressing for 3 seconds powers off the device.

Adjust OSD settings



Note: The following is for general reference only. Actual product specifications may vary.

OSD (On Screen Display) can be used to adjust the settings of the LCD display. Press the MENU button to open the OSD. Use the OSD to adjust image quality, OSD position, and general settings. For information on advanced settings, see the following pages:

Home page

All keys bring up the home page.



Turn mode on or off

Double-press Button 5 to enter mode control and select a user-defined profile to use (see the OSD section for more information.)



Feature page

Double-press Button 1 to select the menu function, and then use Buttons 1/2/3/4 to adjust the settings you need. When finished, use Button 4 to return to the previous level or exit the menu.

Picture adjustment





- 1. Double-press Button 1 to bring up the OSD.
- 2. Use Buttons 1/2 to select the Picture from the OSD. Then double-press Button 3 to navigate to the setting you want to adjust.
- 3. Use Buttons 1/2 to adjust the slider.
- 4. Brightness: Brightness can be adjusted from 0-100.
- Note: Adjusts the balance between light and dark.
- 5. Contrast: Contrast can be adjusted from 0 to 100.
- Note: Sets the degree of difference between light and dark areas.

- 6. Blue Light: Filter blue light by adjusting different blue light display ratios (80%, 70%, 60%, 50%).
- Note: The higher the value, the more blue light is displayed. For best protection, choose a lower value.
- 7. Black Boost: This feature increases the richness of the display's dark levels black becomes less black. The higher the setting, the greater the increase.
- 8. ACM: Turn ACM on or off. Default is off.
- 9. H. Position (only Analog input model): Adjust the horizontal position from 0 100.
- 10.V. Position (only Analog input model): Adjust the vertical position range from 0 100.
- 11. Focus (only Analog input model): Adjust the phase range from 0 100.
- 12. Clock (only Analog input model): Adjust the timing range from 0 100.

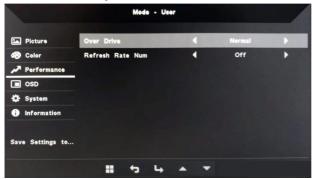
Color adjustment





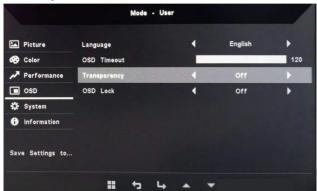
- 1. Double-click Button 1 to open the OSD.
- 2. Use Buttons 1/2 to select Color from the OSD. Then double-press Button 3 to navigate to the setting you want to adjust.
- 3. Use Buttons 1/2 to adjust the slider.
- 4. Gamma Mode allows you to adjust the brightness and hue. The default value is 2.2 (the standard value for Windows).
- 5. Color Temperature: The default is warm. You can choose Cool, Warm, Normal, Blue Light or custom User Settings.
- 6. Modes: Select the preferred mode.
- 7. sRGB Mode is used to improve the color matching display with peripherals such as DSC or printers.
- 8. Grayscale Mode: Turn gray mode on or off.
- 9. 6-axis Hue: Adjust the red, green, blue, yellow, magenta and cyan hues.
- 10.6-axis Saturate: Adjust the red, green, blue, yellow, magenta, and cyan saturation.

Performance adjustment



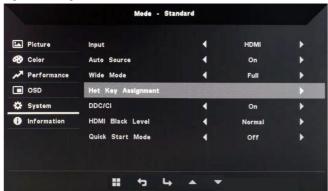
- 1. Double-click Button 1 to open the OSD.
- 2. Use Buttons 1/2 to select Performance from the OSD. Then double-press Button 3 to navigate to the setting you want to adjust.
- 3. Use Buttons 1/2 to adjust the slider.

OSD adjustment



- 1. Double-click Button 1 to open the OSD.
- 2. Use Buttons 1/2 to select OSD from the OSD. Then double-press Button 3 to navigate to the setting you want to adjust.
- 3. Use Buttons 1/2 to adjust the slider.
- 4. Language: Set the OSD menu language.
- 5. OSD Timeout: Adjust the delay before closing the OSD menu.
- 6. Transparency: Select transparency when using game mode. Transparency can be 0% (off), 20%, 40%, 60%, or 80%.
- 7. OSD Lock: The OSD lock function is used to prevent the OSD button from being accidentally pressed. To delete the OSD lock message, press and hold Buttons 1/2 for 3 seconds until the message disappears. If the OSD lock persists, check if Buttons 1/2 are functioning.

System adjustment



- 1. Double-click Button 1 to open the OSD.
- 2. Use Buttons 1/2 to select System from the OSD. Then double-press Button 3 to navigate to the setting you want to adjust.
- 3. Use Buttons 1/2 to adjust the slider.
- 4. Input: Select an available source from the available input sources.
- 5. Auto Source: Automatically searches for available input sources.
- 6. Hot Key Assignment: Select the function of Hotkey 1 or Hotkey 2
- 7. Wide Mode: Choose the screen aspect ratio to use. The options are full screen and aspect ratio.
- 8. DDC/CI: The monitor can be set using computer software.
- Note: DDC/CI (abbreviation for Display Data Channel/Command Interface) can send monitor controls through software.
- 9. HDMI Black Level: Select the black level under the HDMI source. Options are normal and low.
- 10. Quick Start Mode: Quickly enable the monitor.

Product information



- 1. View the basic information of the machine.
- 2. Reset All Settings: Reset all settings to factory defaults.

Troubleshooting

Before sending your LCD monitor for repair, go through the troubleshooting checklist below to see if you can diagnose the problem. (VGA mode)

Problem	Status	Solution	
No picture	LED lights up	Press the standby button to turn on.	
	LED off	Check the power switch.	
		Ensure that the AC power adapter is properly connected to the monitor.	
	LED flashes	Check that the video signal cable is properly connected to the back of the monitor.	
		Check whether the computer system's power is on.	
Picture abnormal	Picture is unstable	Check whether the graphics card specifications meet the monitor requirements. If they do not, the input signal frequency may not match.	
	The display disappears, cannot be centered, or is too large or small	Use OSD to adjust Resolution, Timing, Timing Phase, H. Position, and V. Position for non-standard signals.	
		When the full screen image disappears, use the OSD to select another resolution or vertical frequency.	
		Before changing or disconnecting the signal cable or turning off the monitor, resize the image and wait for a few seconds.	
Audio abnormal (only Audio input model) (optional)	No audio, or	Check whether the audio cable is connected to the PC.	
	the volume is too low	Check if the volume of the PC is set to minimum, and try to increase the volume.	

(HDMI mode)

Problem	Status	Solution		
	LED lights up	Please use the OSD to maximize brightness and contrast, or reset it to a preset value.		
		Check the power switch.		
No picture	LED off	Ensure that the AC power adapter is properly connected to the monitor.		
	LED flashes	Check that the video signal cable is properly connected to the back of the monitor.		
		Check whether the computer system's power is on.		
Audio abnormal (only Audio input model) (optional)	No audio, or the volume is too low	Check whether the audio cable is connected to the PC.		
		Check if the volume of the PC is set to minimum, and try to increase the volume.		





Declaration of Conformity

We,

AOPEN Smartview Incorporated

7F.-5, NO. 369, FUXING N. RD., SONGSHAN DIST., TAIPEI CITY 10541, Taiwan

And.

Acer Italy s.r.l.

Viale delle Industrie 1/A, 20020 Arese (MI), Italy Tel: +39-02-939-921 ,Fax: +39-02 9399-2913

www.acer.it

Product: LCD Monitor

Trade Name: AOPEN

Model Number: 22CV1Q&24CL1Y SKU Number: 22CV1Q&24CL1Y x

SKU Number: 22CV1Q&24CL1Y xxxxxxxx ("x" = $0 \sim 9$, a \sim z, A \sim Z, or blank)

We, AOPEN Smartview Incorporated., hereby declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations as below Directive and following harmonized standards and/or other relevant standards have been applied:

⊠ EMC Directive: 2014/30/EU

□ LVD Directive: 2014/35/EU

☑ EN 62368-1: 2014+ A11: 2017

⊠ RoHS Directive: 2011/65/EU

⊠ EN 50581:2012

☑ ErP Directive: 2009/125/EC

☑ (EU) 2019/ 2021; EN 50564:2011

Year to begin affixing CE marking: 2020.

RU Jan / Sr. Manager

AOPEN Smartview Incorporated (Taipei, Taiwan)

Nov. 17, 2020



Federal Communications Commission Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following local Manufacturer /Importer is responsible for this declaration:

Product: LCD Monitor

Brand: AOPEN

Model Number: 22CV1Q&24CL1Y

SKU Number: 22CV1Q&24CL1Y xxxxxx

("x" = $0 \sim 9$, a \sim z, A \sim Z or Blank)

Name of Responsible Party: Acer America Corporation

Address of Responsible Party: 333 West San Carlos St.

Suite 1500

San Jose, CA 95110

U. S. A.

Contact Person: Acer Representative

Phone No.: 254-298-4000

Fax No.: 254-298-4147

Product Information for EU Energy Label English Informasi produk untuk Label Energi UE Bahasa Indonesian Deutsch Produktinformationen für das EU Energielabel Información de producto para EU Energy Label Español Informations produit pour le label énergétique de l'UE Français

Nederlands Productinformatie voor EU-energielabel

Polski Informacie o produkcie dla etykiety energetycznei UE Informação de Produto para Etiqueta Energética da UE Português

Produktinformation för EU:s energimärkning Svenska

繁體中文 用於歐盟能源標示的產品資訊 简体中文 用于欧盟能源标识的产品信息

Italiano

日本語 EU エネルギーラベルのための製品情報 Termékinformációk az EU energiacímkéhez Magyar

Πληροφορίες προϊόντος για την ενεργειακή ετικέτα της ΕΕ Ελληνικά Slovensky Informácie o výrobku pre energetický štítok EÚ

Dansk Produktoplysninger for EU-energimærke Tuotetiedot EU-energiatarraa varten Suomi Produktinformasjon for EU-energietikett Norsk AB Enerji Etiketi için Ürün Bilgileri Türkce

Română Informații despre produs pentru eticheta UE privind eficiența energetică Продуктова информация за енергийния етикет на Европейския съюз български

Informazioni prodotto per la classe di efficienza energetica UE

Eesti Tooteteave EL-i energiamärgisele

Gaminio informacija ES energijos vartojimo efektyvumo etiketei Lietuvių

Produkta informācija ES Enerģijas markējumam Latviski Podaci o proizvodu za energetsku oznaku EU Hrvatski ไทย ข้อมลผลิตภัณฑ์สำหรับฉลากพลังงานสหภาพยโรป Informacije o proizvodu za EU energetsku oznaku

Srpski معلومات المنتج لعلامة الطاقة في الاتحاد الأوروبي العربية

Português (Brasil) Informações do produto para a Etiqueta de Energia da UE

Інформація про продукт для маркування енергоефективності ЄС Українська

Čeština Informace o produktu pro energetický štítek v EU

Русский Информация о продукте для маркировки этикеткой энергетической эффективности ЕС

Informacije o izdelku za energijsko nalepko EU Slovenščina



