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LCD Monitor User Manual 24B1H

LED backlight



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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.

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.

A 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 ~, Min. 1.5A

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

For use only with the attached power adapter Manufacturers: TPV ELECTRONICS (FUJIAN) CO.,LTD. Model: ADPC1925EX (19VDC,1.31A)

Installation

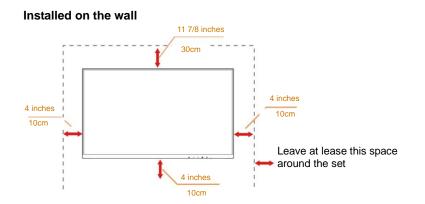
Do not place the monitor on an unstable cart, stand, tripod, bracket, or table. If the monitor falls, it can injure a person and cause serious damage to this product. Use only a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with this product. Follow the manufacturer's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

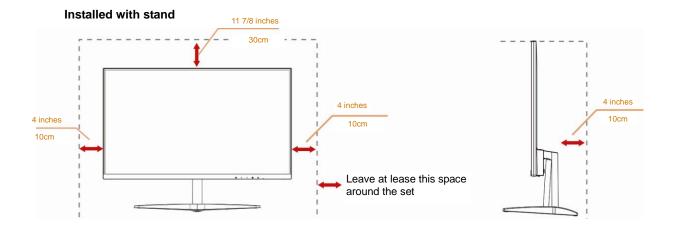
Never push any object into the slot on the monitor cabinet. It could damage circuit parts causing a fire or electric shock. Never spill liquids on the monitor.

Lo not place the front of the product on the floor.

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.

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



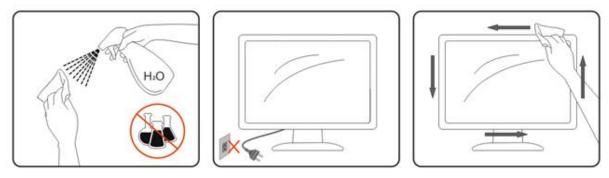


Cleaning

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.

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

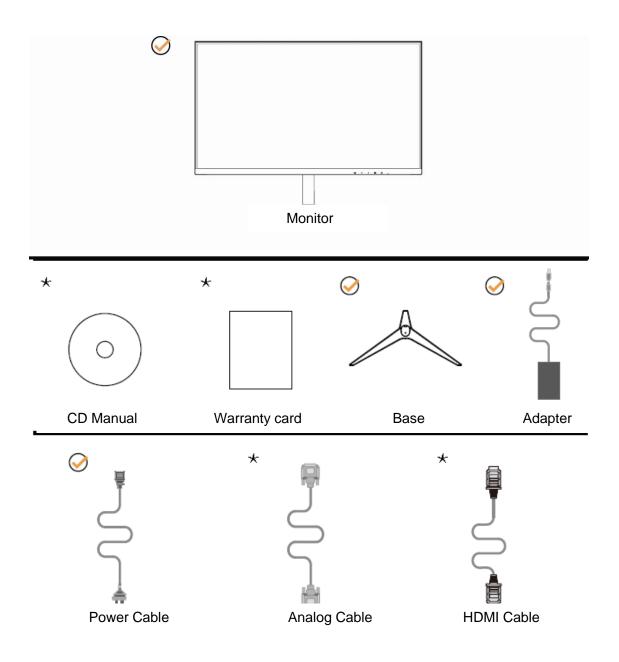
L Do not engage the LCD monitor in severe vibration or high impact conditions during operation.

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

For display with glossy bezel the user should consider the placement of the display as the bezel may cause disturbing reflections from surrounding light and bright surfaces.

Setup

Contents in Box

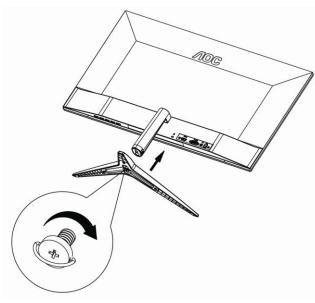


* Not all signal cables (Analog, HDMI cables), CD manual will be provided for all countries and regions. Please check with the local dealer or AOC branch office for confirmation.

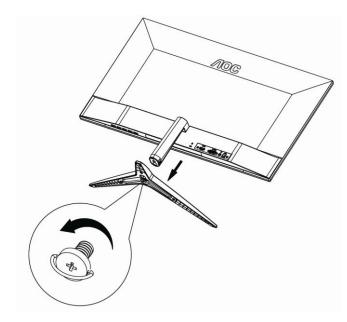
Setup Base

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:

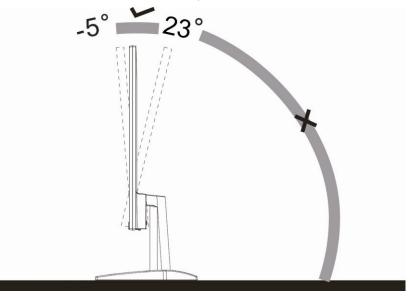


Adjusting Viewing Angle

For optimal viewing, it is recommended to look at the full face of the monitor, and 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's angle from -5° to 23 °.

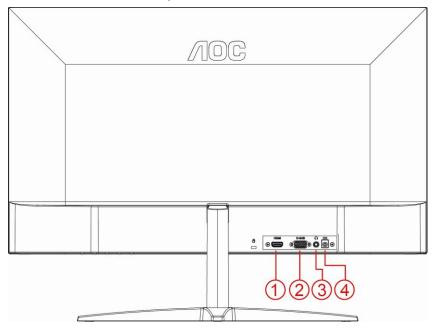




Do not adjust the viewing angle over 23 degrees in order to avoid damage.

Connecting the Monitor

Cable Connections In Back of Monitor and Computer:



- 1 HDMI
- 2 Analog (D-Sub 15-Pin VGA cable)
- 3 Earphone out
- 4 Power

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

- 1 Connect the power cable to the DC port on the back of the monitor.
- 2 Connect one end of the 15-pin D-Sub cable to the back of the monitor and connect the other end to the computer's D-Sub port.
- 3 Optional (Requires a video card with HDMI port) Connect one end of the HDMI cable to the back of the monitor and connect the other end to the computer's HDMI port.
- 4 Turn on your monitor and computer.

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

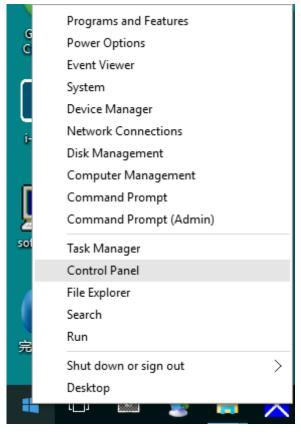
Adjusting

Setting Optimal Resolution

Windows 10

For Windows 10:

- Right click START.
- Click "CONTROL PANEL".



Click "DISPLAY".

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All Control Panel Items					– a ×
+ + + T 🔝 > Control Panel >	All Control Panel Items				v b Search Control Panel P
File Edit View Tools Help Adjust your computer's setting:					View by: Large icons *
Aujust your computer's setting					view by: Large Kons -
Administrative Tools	AutoPlay	Backup and Restore (Windows 7)	RitLocker Drive Encryption	Color Management	
Credential Manager	Date and Time	Default Programs	Device Manager	Devices and Printers	
Display	Ease of Access Center	ēlo Elo 触摸屏配置	File Explorer Options	File History	
Flash Player (32-bit)	Fonts	• HomeGroup	Indexing Options	Part Internet Options	
Keyboard	📌 Language	J Mouse	Network and Sharing Center	Personalization	
Phone and Modem	Power Options	Programs and Features	Realtek HD Audio Manager	Recovery	
Region	RemoteApp and Desktop Connections	Y Security and Maintenance	Sound	Speech Recognition	
Storage Spaces	Sync Center	System	Taskbar and Navigation	Troubleshooting	
Ser Accounts	Windows Defender	Windows Firewall	Work Folders	48件 (32-bit)	

• Click on the "Change display settings" button.

🗾 Display		_	×
← → ∽ ↑	l Panel → All Control Panel Items → Display 🗸 🌣	Search Control Panel	P
File Edit View Tools Help	p		
Control Panel Home	Change size of items		
Adjust resolution Calibrate color	To change the size of text, apps, and other items, <u>use these display settings</u> . If you want to temporarily enlarge a portion of your screen, use <u>Magnifier</u> . If neither of these makes the changes you want, you can <u>set a custom</u> <u>scaling level</u> (not recommended). Setting custom levels can lead to unexpected behavior on some displays.		
Change display settings			
Adjust ClearType text	Change only the text size		
	Instead of changing the size of everything on the desktop, change only the text size for a specific item.		
	Title bars v 9 v Bold		
	Apply		
See also			
Personalization			
Devices and Printers			

Set the resolution **SLIDE-BAR** to Optimal preset resolution.

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Screen Resolution				-	X
← → ∽ ↑ 🗔 > Control Par	el > All Control Panel Items	> Display > Screen Resolution	ٽ ~	Search Control Panel	P
File Edit View Tools Help					
	Change the appeara	nce of your display			
		1	Detect		
	Display: 1. B24 Resolution: 1920 × Orientation: Landse	< 1080 (Recommended) V			
			Advanced settings		
	Make text and other items What display settings shou	and the second			
			OK Cancel Apply		

Windows 8

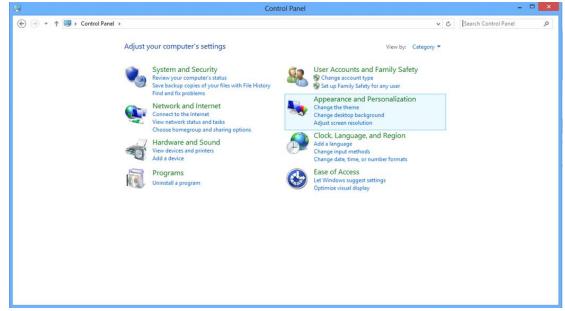
For Windows 8:

• Right click and click All apps at the bottom-right of the screen.



Apps				
b Bing	Reader		WordPad	Computer
Calendar	SkyOnive	Galculator	XPS Wewer	Control Panel
Camera	Sports	Character Map		Default Programs
Desktop	Store 💼	Math Input Panel	Magnifier	Can The Explorer
Finance	Travel	Motepad	Navrator	Piep and Support
Games	Wdeo	of Part.	On-Screen Keyboard	ш ал
C Internet Explorer	Weather	Remote Desktop Connection	Windows Speech Recognition	with Manager
Mail		Sripping Tool		Windows Defender
Maps		Sound Recorder	GPUNIew	S Windows Lasy Transfer
Messaging		Steps Recorder	GPUView Help	Windows Easy Transfer Reports
Music		Sticky Notes	Windows Performance	Windows PowerShell
News		Windows Fax and Scan	Windows Performance	
People		Windows Journal		
Photos		Windows Media Player	Command Prompt	

- Set the "View by" to "Category".
- Click "Appearance and Personalization".



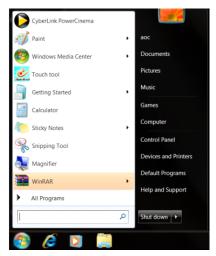
- Click "DISPLAY". ٠ - 🗆 🗙 -Appearance and Personalization ✓ ♂ Search Control Panel p Control Panel Home
 System and Security
 Network and Internet
 Hardware and Sound
 Programs
 Display
 Make text and other items larger or smaller
 Adjust screen resolution Programs User Accounts and Family Safety Taskbar Customize icons on the taskbar Appearance and Personalization Sase of Access Center Accommodate low vision | Use screen reader | Turn on easy access keys | Turn High Contrast on or off Clock, Language, and Region Folder Options Specify single- or double-click to open Show hidden files and folders Ease of Access Fonts
 Preview, delete, or show and hide fonts
 Change Font Settings
 Adjust ClearType text
- Set the resolution SLIDE-BAR to Optimal preset resolution

	Screen Resolution			- ×
	sonalization + Display + Screen Resolution	v C	Search Control Panel	Q,
Char	ge the appearance of your display			
	Detect			
Displa				
Resolu	1920 × 1080 (Recommended) v			
Orient	1920 × 1080 (Recommended) Advanced settings 1600 × 900			
	ext and other			
	OK Cancel Apply			
	1024 × 768			

Windows 7

For Windows 7:

- Click START.
- Click "CONTROL PANEL".

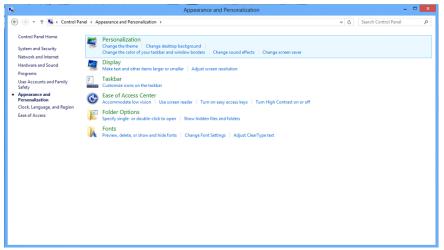


• Click "Appearance".

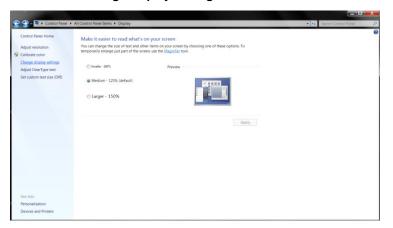
Action Center	C Administrative Tools	AutoPlay	Backup and Restore	
Color Management	Credential Manager	📸 Date and Time	😨 Default Programs	
Desktop Gadgets	Jevice Manager	-Má Devices and Printers	💐 Display	
Ease of Access Center	E Folder Options	Fonts	Getting Started	
& HomeGroup	A Indexing Options	Internet Options	 Keyboard 	
Location and Other Sensors	J Mouse	2 Network and Sharing Center	Notification Area Icons	
NVIDIA Control Panel	MVIDIA PhysX	🍓 Parental Controls	/ Pen and Touch	
Performance Information and Tools	Series Personalization	Phone and Modern	Power Options	
Programs and Features	Prealtek HD Audio Manager	📽 Recovery	Region and Language	
RemoteApp and Desktop Connections	Sound	Ø Speech Recognition	Sync Center	
System	Tablet PC Settings	Taskbar and Start Menu	Troubleshooting	
User Accounts	a Windows Anytime Upgrade	Windows CardSpace	Ill Windows Defender	
Windows Firewall	🖉 Windows Update			

Click "DISPLAY".

•

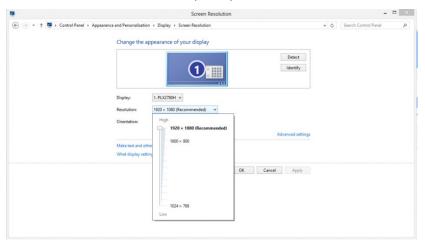


• Click on the "Change display settings" button.

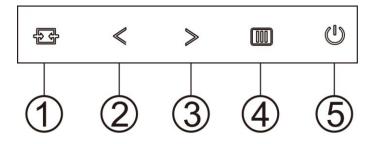


Set the resolution SLIDE-BAR to Optimal preset resolution

•



Hotkeys



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

Menu/Enter

Press to display the OSD or confirm the selection.

Power

Press the Power button to turn on/off the monitor.

Image Ratio/Volume/ >

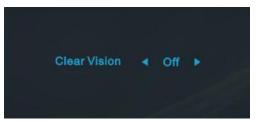
When there is no OSD, Press Volume button to active volume adjustment bar, Press \leq or > to adjust volume. When there is no OSD, press > hotkey continuously to change 4:3 or wide image ratio. (If the product screen size is 4:3 or input signal resolution is wide format, the hot key is disable to adjust).

Auto / Exit / Source hot key

When there is no OSD, Press Auto/Source button continuously about 2 second to do auto configure. When the OSD is closed, press Source button will be Source hot key function. Press Source button continuously to select the input source showed in the message bar, press Menu/Enter button to change to the source selected.

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".





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

	Off		
	Weak	Adjust the Clear Vision	
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.

< 🔅 >		The Image Setu	ιp	Color Setup	e Boost	OSD Setup	× Extra	¶ E≪
Contrast				Gamma	Gamma 1			
Brightness	-			DCR	Off			
Eco mode		Standard		Overdrive	Off			

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

Notes:

- 1. If the product has only one signal input, the item of "Input Select" is disabled.
- 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 Clear vision, DCR, Color Boost, and Picture Boost functions is activated; the other three functions are turned off accordingly.

Luminance

24B1H

< 😣 >		Z- Image Setu	ιp	Color Setup	e Boost	Sign OSD Setup	× Extra	¶ Ext
Contrast				Gamma	Gamma 1			
Brightness	-			DCR	Off			
Eco mode		Standard		Overdrive	Off			

1 Press **MENU** (Menu) to display menu.

2 Press \lt or > to select \overleftrightarrow (Luminance), and press **MENU** to enter.

3 Press \leq or > to select submenu.

4 Press < or > to adjust.

5 Press AUTO to exit.

	Contrast	0-100		Contrast from Digital-register.		
	Brightness	0-100		Backlight Adjustment		
		Standard		Standard Mode		
		Text	T	Text Mode		
	Eco mode	Internet	e	Internet Mode		
	Leo mode	Game	ن ف	Game Mode		
24.2		Movie	Ø	Movie Mode		
-0-		Sports	32	Sports Mode		
		Gamma1		Adjust to Gamma 1		
	Gamma	Gamma2		Adjust to Gamma 2		
		Gamma3		Adjust to Gamma 3		
		Off		Disable dynamic contrast ratio		
	DCR	On	DCR	Enable dynamic contrast ratio		
		Weak		Adjust the response time.		
		Medium		It could be blur image, if user turns on the OverDrive in Strong Level.		
	Overdrive	Strong		User can adjust OverDrive level base on user's		
		Off		preference or turn it off.		

Image Setup

(A Setup	Color Setup	Picture Boost	OSD Setup	X Extra	Exit	Luminance
Clock	50	H. Position				
Phase	50	V. Position				
Sharpness	50					

1 Press **MENU** (Menu) to display menu.

- 2 Press < or > to select (Image Setup), and press **MENU** to enter.
- 3 Press < or > to select submenu.
- 4 Press \leq or > to adjust.
- 5 Press AUTO to exit.

	Clock	0-100	Adjust picture Clock to reduce Vertical-Line noise.
P	Phase	0-100	Adjust Picture Phase to reduce Horizontal-Line noise.
	Sharpness	0-100	Adjust picture sharpness.
	H. Position	0-100	Adjust the horizontal position of the picture.
	V. Position	0-100	Adjust the vertical position of the picture.

Color Setup

Color Setup	Picture Boo	SSD Setup) Extra	Exit	Luminance	Z Image Setup
Color Temp.					LowBlue Mode 🖪	Off 🕨
DCB Mode	Off					
DCB Demo	Off					

1 Press **MENU** (Menu) to display menu.

- 2 Press \lt or > to select \checkmark (Color Setup), and press **MENU** to enter.
- 3 Press < or > to select submenu.
- 4 Press < or > to adjust.
- 5 Press AUTO to exit.

		1	
	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		Recall User 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.
	Sky-blue	ON/OFF	Disable or Enable Sky-blue Mode.
	AutoDetect	ON/OFF	Disable or Enable AutoDetect 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.
	Weak		
	Medium		Decrease blue light wave by controlling color
LOWRING MODE	Strong		temperature
	Off		1
	DCB Mode DCB Demo Red Green	Normal Cool SRGB User User Normal SRGB User Sky-blue Sky-blue AutoDetect DCB Demo Red Green Blue Weak Medium Strong	NormalColor Temp.NormalCoolISRGBIUserIUserON/OFFNature SkinON/OFFNature SkinON/OFFSky-blueON/OFFSky-blueON/OFFSky-blueON/OFFDCB DemoIAutoDetectON/OFFRedIGreen0-100BlueIMediumIStrongI

Picture Boost

K Reference and the second sec		Sy OSD Setup)X Extra	Sit.	بند. Luminance	🙀 Image Setup	Color Setup
Bright Frame Frame Size	•	off	► 14	Brightness Contrast		50 50	H. Position	50 50

1 Press **MENU** (Menu) to display menu.

- 2 Press \langle or \rangle to select (Picture Boost), and press **MENU** to enter.
- 3 Press \leq or > to select submenu.
- 4 Press \leq or > to adjust.
- 5 Press AUTO to exit.

	Bright Frame	ON/OFF	Enable/Disable Bright Frame
	Frame Size	14-100	Adjust the Size of the Frame
	Brightness	0-100	Brightness Adjustment for Enhance Area
N	Contrast	0-100	Contrast Adjustment for Enhance Area
	H. position	0-100	Adjust the horizontal position of the Frame
	V. position	0-100	Adjust the vertical position of the Frame

Note:

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

OSD Setup

CSD Setup	Þ	K tra		S it		 Tage Setup	Color Setup		re Boost
Language Timeout	•	English	► 120		H. Position V. Position	50 D	Transparence Frank Break Reminder 4	Off	25 ►

1 Press **MENU** (Menu) to display menu.

2 Press < or > to select (OSD Setup), and press MENU to enter.
3 Press < or > to select submenu.
4 Press < or > to adjust.
5 Press AUTO to exit.

Language		Select the OSD language.
Timeout	5-120	Adjust the OSD timeout.
V. Position	0-100	Adjust the vertical position of the OSD.
Transparence	0-100	Adjust the OSD.
 H. Position	0-100	Adjust the horizontal position of the OSD.
Break Reminder	on or off	Break reminder if the user continuously work for more than 1hrs.

Extra

< 🔀 🗲	¶] Exit	- 🔆 Luminance	Ta Image S	etup	Color Setup	Picture Boost	So Setup
Input Select	Audo	Image Ratio		wide		Resolution : 1920(H)X1	080(V)
Auto Config.	Yes	DDC/CI		Yes		H. Frequency : 60KHz	
Off Timer	00	Reset		No		V. Frequency : 60Hz	

1 Press **MENU** (Menu) to display menu.

			2/	
2 Press	< or >	to select		(Extra), and press MENU to enter.

- 3 Press < or > to select submenu.
- 4 Press < or > to adjust.
- 5 Press AUTO to exit.

		Auto	Auto Detect input signal
	Input Select	D-SUB	Select D-SUB signal source as input
		HDMI	Select HDMI signal Source as input
31	Auto Config.	Yes / No	Auto adjust.the picture to default.
	Off Timer	0-24 hrs	Select DC off time.
	Image Ratio	wide or 4:3	Select wide or 4:3 format for display.
	DDC/CI	Yes / No	Turn on or off DDC/CI Support.
	Reset	Yes / No	Reset the menu to default.

Exit						
< 🎦 🗲	- 🔆 Luminance	Image Setup	Color Setup	Picture Boost	SS OSD Setup)X Extra

1 Press **MENU** (Menu) to display menu.

2 Press < or > to select (Exit), and press **MENU** to enter.

3 Press AUTO to exit.

Exit	Exit the main OSD
------	-------------------

LED Indicator

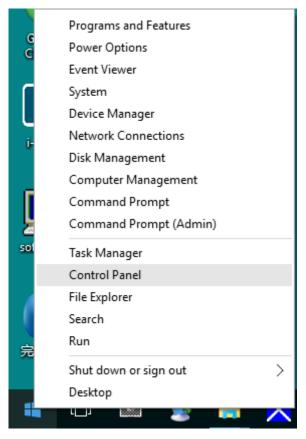
Status	LED Color
Full Power Mode	White
Power Saving	Orange

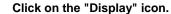
Driver

Monitor Driver

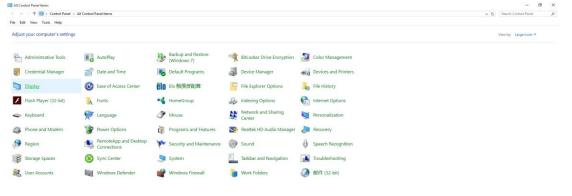
Windows 10

- Start Windows® 10
- Right click START.
- Click "Control Panel".





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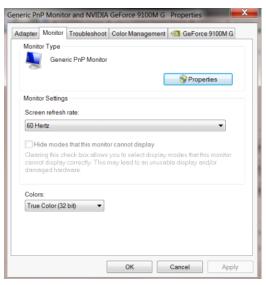
Click on the "Change display settings" button

💷 Display		-	×
← → · ↑ 🗔 > Control Pa	anel > All Control Panel Items > Display V 🖑	Search Control Panel	P
File Edit View Tools Help			_
Control Panel Home	Change size of items		?
Adjust resolution Calibrate color Change display settings	To change the size of text, apps, and other items, <u>use these display settings</u> . If you want to temporarily enlarge a portion of your screen, use <u>Magnifier</u> . If neither of these makes the changes you want, you can <u>set a custom</u> <u>scaling level</u> (not recommended). Setting custom levels can lead to unexpected behavior on some displays.		
Change display settings Adjust ClearType text	Change only the text size Instead of changing the size of everything on the desktop, change only the text size for a specific item.		
	Title bars v 9 v Bold		
	Apply		
See also Personalization			
Devices and Printers			

• Click the "Advanced Settings" button.

🔲 S	creen	Resolu	tion						_	×
←	\rightarrow	~ 个) c	ontrol Panel	> All Control Par	el Items > Display > Screen Resolution	v 0	Search Control Panel	P
File	Edit	Viev	vī	Tools	Help					
						Change the a	ppearance of your display			
								Detect Identify		
						Display: Resolution: Orientation:	1. B24			
								Advanced settings		
							her items larger or smaller ings should I choose?			
							OK Can	cel Apply		

• Click the "Monitor" tab and then click the "Properties" button.

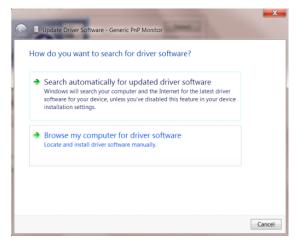


• Click the "Driver" tab.

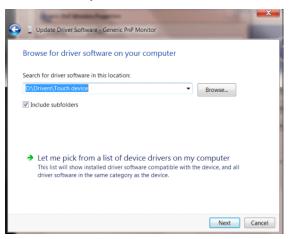
Generic PnP Monitor Properties					
General	Driver Details				
	Generic PnP Mo	nitor			
	Driver Provider:	Microsoft			
	Driver Date:	6/21/2006			
	Driver Version:	6.1.7600.16385			
	Digital Signer:	Microsoft Windows			
Driv	ver Details	To view details about the driver files.			
Upd	ate Driver	To update the driver software for this device.			
Roll I	Back Driver	If the device fails after updating the driver, roll back to the previously installed driver.			
[Disable	Disables the selected device.			
L	Ininstall	To uninstall the driver (Advanced).			
		OK Cancel			

• Open the "Update Driver Software-Generic PnP Monitor" window by clicking on "Update Driver... "and then

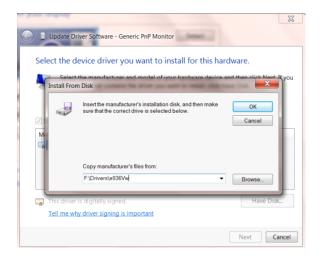
click the "Browse my computer for driver software" button.



Select "Let me pick from a list of device drivers on my computer".



• Click the **"Have Disk"** button. Click on the **"Browse"** button and navigate to the following directory: X:\Driver\module name(where X is the drive letter designator for the CD-ROM drive).



- Select the "xxx.inf" file and click the "Open" button. Click the "OK" button.
- Select your monitor model and click the "Next" button. The files will be copied from the CD to your hard disk

drive.

•

- Close all open windows and remove the CD.
- Restart the system. The system will automatically select the maximum refresh rate and corresponding Color Matching Profiles.

Windows 8

- Start Windows® 8
- Right click and click **All apps** at the bottom-right of the screen.



- Click on the "Control Panel" icon
- Set the "View by" to "Large icons" or "Small icons".

① * ↑ 🤤 > Control Panel	 All Control Panel Items 			~ ¢	iearch Control Panel
ljust your computer's settin	95			Yi	tw by: Large icons * Category
Action Center	Administrative Tools	AutoPlay	RitLocker Drive Encryption	Color Management	Large icons Small icons
Credential Manager	Date and Time	Default Programs	🚑 Device Manager	Devices and Printers	
Display	🚱 Ease of Access Center	👪 Family Safety	😺 File History	Flash Player (32-bit)	
Folder Options	Konts	🝓 HomeGroup	lndexing Options	Internet Options	
Keyboard	🐖 Language	Docation Settings	I Mouse	Network and Sharing Center	
Notification Area Icons	NVIDIA Control Panel	Performance Information and Tools	Personalization	Phone and Modern	
Power Options	Programs and Features	Recovery	🔗 Region	RemoteApp and Desktop Connections	
Sound	Speech Recognition	Storage Spaces	Sync Center	🍓 System	
Taskbar	Troubleshooting	See Accounts	Windows 7 File Recovery	Windows Defender	
Windows Firewall	Windows Update				

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Click on the "Display" icon.

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Action Center	C Administrative Tools	AutoPlay	Backup and Restore	
Color Management	Credential Manager	Date and Time	🕐 Default Programs	
Desktop Gadgets	Jevice Manager	wa Devices and Printers	💐 Display	
Ease of Access Center	Polder Options	A Fonts	Getting Started	
3 HomeGroup	lindexing Options	C Internet Options	- Keyboard	
Location and Other Sensors	J Mouse	E Network and Sharing Center	Notification Area Icons	
NVIDIA Control Panel	MVIDIA PhysX	🍓 Parental Controls	/ Pen and Touch	
Performance Information and Tools	Series Personalization	Phone and Modern	Power Options	
Programs and Features	Realtek HD Audio Manager	Secovery	Region and Language	
RemoteApp and Desktop Connections	Sound	Ø Speech Recognition	Sync Center	
System	Tablet PC Settings	Taskbar and Start Menu	Troubleshooting	
User Accounts	a Windows Anytime Upgrade	Windows CardSpace	Net Windows Defender	
Windows Firewall	a Windows Update			

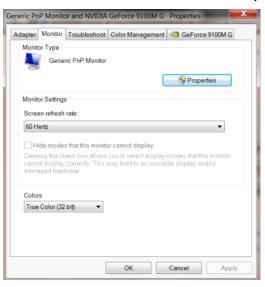
Click on the "Change display settings" button.

🕒 💽 - 🔍 🕨 Control Panel	All Control Panel Items Display		Search Control Panel	P
Control Panel Home Adjust resolution S Calibrate color	Make it easier to read what's or You can change the size of text and othe temporarily enlarge just part of the scree	r items on your screen by choosing one of these options. To		0
Change display settings Adjust ClearType text	Smaller - 100%	Preview		
Set custom text size (DPI)	Medium - 125% (default)			
	Carger - 150%			
		Apply		
See also Personalization				
Devices and Printers				

• Click the "Advanced Settings" button.

😋 🕞 – 🔍 + Control Panel + All Control Panel Ite	is Display Screen Resolution	- + Search Control Panel P
	Change the appearance of your display	
	Druslay:	
	OK Cancel Apply	

Click the "Monitor" tab and then click the "Properties" button.



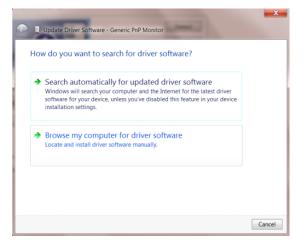
• Click the "Driver" tab.

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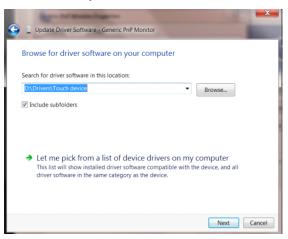
Generic PnP Monitor Properties					
General	Driver Details				
	Generic PnP Mor	nitor			
	Driver Provider:	Microsoft			
	Driver Date:	6/21/2006			
	Driver Version:	6.1.7600.16385			
	Digital Signer:	Microsoft Windows			
Driv	ver Details	To view details about the driver files.			
Upd	ate Driver	To update the driver software for this device.			
Roll I	Back Driver	If the device fails after updating the driver, roll back to the previously installed driver.			
[Disable	Disables the selected device.			
ι	Jninstall	To uninstall the driver (Advanced).			
		OK Cancel			

• Open the "Update Driver Software-Generic PnP Monitor" window by clicking on "Update Driver..." and

then click the "Browse my computer for driver software" button.



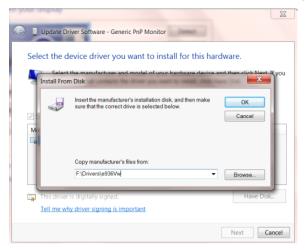
Select "Let me pick from a list of device drivers on my computer".



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• Click the "Have Disk" button. Click on the "Browse" button and navigate to the following directory:

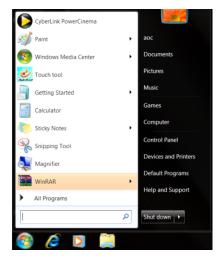
X:\Driver\module name (where X is the drive letter designator for the CD-ROM drive).



- Select the "xxx.inf" file and click the "Open" button. Click the "OK" button.
- Select your monitor model and click the "Next" button. The files will be copied from the CD to your hard disk drive.
- Close all open windows and remove the CD.
- Restart the system. The system will automatically select the maximum refresh rate and corresponding Color Matching Profiles.

Windows 7

- Start Windows® 7
- Click on the "Start" button and then click on "Control Panel".



• Click on the "Display" icon.

Action Center	C Administrative Tools	AutoPlay	He Backup and Restore	
Color Management	Credential Manager	Date and Time	Default Programs	
Desktop Gadgets	J Device Manager	Ha Devices and Printers	Cisplay	
Ease of Access Center	C Folder Options	Fonts	Getting Started	
& HomeGroup	A Indexing Options	m Internet Options	- Keyboard	
Location and Other Sensors	I Mouse	Stevenson Starting Center	Notification Area lcons	
NVIDIA Control Panel	MVIDIA Physik	Second Action Parental Controls	/ Pen and Touch	
Performance Information and Tools	Personalization	Phone and Modern	Power Options	
Programs and Features	The Realtek HD Audio Manager	Secovery	Segion and Language	
RemoteApp and Desktop Connections	Sound	Ø Speech Recognition	Sync Center	
System	Tablet PC Settings	Taskbar and Start Menu	Troubleshooting	
User Accounts	📇 Windows Anytime Upgrade	🚺 Windows CardSpace	Windows Defender	
Windows Firewall	💐 Windows Update			

• Click on the "Change display settings" button.

Control Panel +	All Control Panel Items > Display		Search Control Panel
Control Panel Home Adjust resolution Calibrate color Change display settings Adjust ClearType text Set custom text size (DPI)	Make it easier to read what's or You can change the size of test and othe semporarily enlarge just part of the scree scalar - 20% whether - 125% (default) © Larger - 150%	r items on your screen by choosing one of these options. To	
		- Aquiy	
See also Personalization			
Devices and Printers			

• Click the "Advanced Settings" button.

📀 🌑 🗕 🔍 🕨 Control Panel 🕨 All Control Panel	tenn: N Dirolts: N Screen Reputtion	Search Centrol Panel P
	Change the appearance of your display	- 11 anni Linna ann
	Display: L Hiddla Default Rat Panel Resolution: 1920 + 1980 (recommendet) Orientation: Landscape Advanced settings	
	OK Cancel Apply	

Click the **"Monitor"** tab and then click the **"Properties"** button.



Click the "Driver" tab.

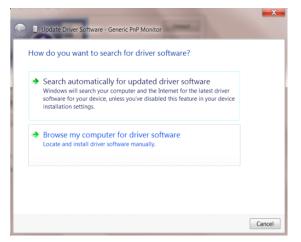
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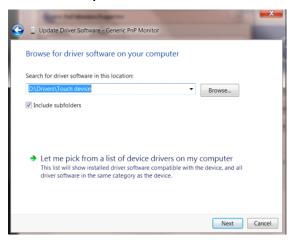
Generic PnP Monitor Prope	rties
General Driver Details	
Generic PnP Mo	pnitor
Driver Provider:	Microsoft
Driver Date:	6/21/2006
Driver Version:	6.1.7600.16385
Digital Signer:	Microsoft Windows
Driver Details	To view details about the driver files.
Update Driver	To update the driver software for this device.
Roll Back Driver	If the device fails after updating the driver, roll back to the previously installed driver.
Disable	Disables the selected device.
Uninstall	To uninstall the driver (Advanced).
	OK Cancel

• Open the "Update Driver Software-Generic PnP Monitor" window by clicking on "Update Driver... " and

then click the "Browse my computer for driver software" button.



• Select "Let me pick from a list of device drivers on my computer".



Click the "Have Disk" button. Click on the "Browse" button and navigate to the following directory:

X:\Driver\module name(where X is the drive letter designator for the CD-ROM drive).

	device driver you want to install for this har	
Install Fr		
	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from:	
	F:\Drivers\e936Vw	Browse

- Select the "xxx.inf" file and click the "Open" button. Click the "OK" button.
- Select your monitor model and click the "Next" button. The files will be copied from the CD to your hard disk

drive.

- Close all open windows and remove the CD.
- Restart the system. The system will automatically select the maximum refresh rate and corresponding Color Matching Profiles.

i-Menu



Welcome to "i-Menu" software by AOC. i-Menu makes it easy to adjust your monitor display setting by using on screen menus instead of the OSD button on the monitor. To complete installation, please follow the installation guide.

i-Menu	Lumi	nance	9 😣
		×	
🕕 Contrast γ Gamma 🔤 DCR	0 37 ◀ Gamma 1 ▶	🔆 Brightness '∲ Eco Mode	0 36 ∢ ♥ ▶
	/10	c	\$

e-Saver



Welcome to use AOC e-Saver monitor power management software! The AOC e-Saver features Smart Shutdown functions for your monitors, allows your monitor to timely shutdown when PC unit is at any status (On, Off, Sleep or Screen Saver); the actual shutdown time depends on your preferences (see example below). Please click on "driver/e-Saver/setup.exe" to start installing the e-Saver software, follow the install wizard to complete software installation.

Under each of the four PC statuses, you may choose the desired time (in minutes) from the pull-down menu for your monitor to automatically shutdown. The example below illustrated:

- 1) The monitor will never shutdown when the PC is powered on.
- 2) The monitor will automatically shutdown 5 minutes after the PC is powered off.
- 3) The monitor will automatically shutdown 10 minutes after the PC is in sleep/stand-by mode.
- 4) The monitor will automatically shutdown 20 minutes after the screen saver appears.



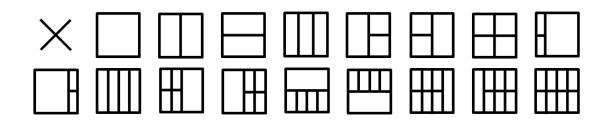
You can click "RESET" to set the e-Saver to its default settings like below.



Screen+



Welcome to "Screen+" software by AOC. Screen+ software is a desktop screen splitting tool; it splits the desktop into different panels, and each panel displays a different window. You only need to drag the window to a corresponding panel when you want to access it. It supports multiple monitor display to make your task easier. Please follow the installation software to install it.



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	 Is the power cord connected properly? Check the power cord connection and power supply. Is the cable connected correctly? (Connected using the D-sub cable) Check the DB-15 cable connection. (Connected using the DVI cable) Check the DVI cable connection. * DVI input is not available on every model. 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 ME/2000) 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. 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. Make sure the AOC Monitor Drivers are installed. 	
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	from the monitor as possible.	

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 or 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.
Screen image is not centered or sized properly	Adjust H-Position and V-Position or press hot-key (AUTO).
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 95/98/2000/ME shut-down mode to adjust CLOCK and PHASE. Press to auto-adjust.

Specification

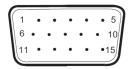
General Specification(24B1H)

	Model name	24B1H			
	Driving system	TFT Color LCD			
	Viewable Image Size	23.6 inch 59.9cm diago	23.6 inch 59.9cm diagonal		
Panel	Pixel pitch	0.2715(H)mm x 0.2715	i(V)mm		
	Video	R, G, B Analog Interfac	e & HDMI Interface		
	Separate Sync.	H/V TTL			
	Display Color	16.7M Colors			
	Horizontal scan range	30~83KHz			
	Horizontal scan Size(Maximum)	521.28mm			
	Vertical scan range	50Hz ~ 76Hz			
	Vertical scan Size(Maximum)	293.22mm			
	Optimal preset resolution	1920x1080@60Hz			
Others	Plug & Play	VESA DDC2B/CI			
	Input Connector	D-Sub 15 pin/HDMI			
	Power Source	19Vdc, 1.31A			
		Typical (Brightness = 9	0,Contrast = 50)	22W	
	Power Consumption	(Brightness = 100,Contrast = 100)		≤25W	
		Power saving		≤0.5W	
Physical	Connector Type	D-Sub/ HDMI/ Earphor	ne out		
Characteristics	Signal Cable Type	Detachable			
	Temperature:	Operating	0° to 40°C		
	Temperature.	Non-Operating	-25° to 55°C		
Environmental	Humidity:	Operating	10% to 85% (non-conde	ensing)	
Environmental		Non-Operating	5% to 93% (non-conder	nsing)	
	Altitude:	Operating	0~ 5000m(0~ 16404 ft)		
		Non-Operating	0~ 12192m (0~ 40000 f	t)	

Preset Display Modes

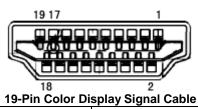
Standard	Resolution	H. Frequency (kHz)	V. Frequency (Hz)
	640x480@60Hz	31.469	59.94
VGA	640x480@72Hz 37.861		72.809
	640x480@75Hz	37.5	75
MAC MODES VGA	640x480@67Hz	35	66.667
IBM MODE	720x400@70Hz	31.469	70.087
	800x600@56Hz	35.156	56.25
SVGA	800x600@60Hz	37.879	60.317
SVGA	800x600@72Hz	48.077	72.188
	800x600@75Hz	46.875	75
MAC MIDE SVGA	835 x 624@75Hz	49.725	74.5
	1024x768@60Hz	48.363	60.004
XGA	1024x768@70Hz	56.476	70.069
	1024x768@75Hz	60.023	75.029
SXGA	1280x1024@60Hz	63.981	60.02
SAGA	1280x1024@75Hz	79.976	75.025
WSXG	1280x720@60HZ	45	60
	1280x960@60HZ	60	60
WXGA+	1440x900@60Hz	55.935	59.876
WSXGA+	1680x1050@60Hz	65.29	59.954
FHD	1920x1080@60Hz	67.5	60

Pin Assignments



15-Pin Color Display Signal Cable

Pin No.	Signal Name	Pin No.	Signal Name
1	Video-Red	9	+5V
2	Video-Green	10	Ground
3	Video-Blue	11	N.C.
4	N.C.	12	DDC-Serial data
5	Detect Cable	13	H-sync
6	GND-R	14	V-sync
7	GND-G	15	DDC-Serial clock
8	GND-B		



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

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.

Regulation

FCC Notice

FCC Class B Radio Frequency Interference Statement WARNING: (FOR FCC CERTIFIED MODELS)

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

NOTICE:

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference. It is the responsibility of the user to correct such interference.

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.

WEEE Declaration

Disposal of Waste Equipment by Users in Private Household in the European Union.



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.

This product complies with all implemented RoHS type regulations worldwide, including but not limited to, EU, Korea, Japan, US States (e.g. California), Ukraine, Serbia, Turkey, Vietnam and India. We continue to monitor, influence and develop our processes to comply with upcoming proposed RoHS type regulations, including but not limited to, Brazil, Argentina, Canada.

WEEE Declaration for India



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 E -waste please visit http://www.aocindia.com/ewaste.php and to know where you can drop off your waste equipment for recycling in India please contact on below given contact details.

Helpline number: 080-6788-6788 / 080-3323-1313 (Monday to Saturday, 10 a.m. to 6 p.m.) Centralized E-waste collection center

Address: TPV Technology India Private Limited, 59, Maheswari Nagar, 1st Main Road, Mahadevapura Post, Whitefield Road, Bangalore, Karnataka, PIN: 560048, Tel: 080-3023-1000 E-mail: serviceindia@aoc.com

Restriction on Hazardous Substances statement (India)

This product complies with the "E-Waste (Management) Rules, 2016" CHAPTER V, rule 16, sub-rule (1). Whereas New Electrical and Electronic Equipment and their components or consumables or parts or spares do not contain Lead, Mercury, Cadmium, Hexavalent Chromium, polybrominated biphenyls and polybrominated diphenyl ethers beyond a maximum concentration value of 0.1% by weight in homogenous materials for lead, mercury, hexavalent chromium, polybrominated diphenyl ethers and of 0.01% by weight in homogenous materials for cadmium. except of exemptions set in Schedule 2 of the Rule.

EPA Energy Star



ENERGY STAR® is a U.S. registered mark. As an ENERGY STAR® Partner, AOC International (Europe) BV and Envision Peripherals, Inc. have determined that this product meets the ENERGY STAR® guidelines for energy efficiency. (FOR EPA CERTIFIED MODELS)

EPEAT Declaration



EPEAT is a system to help purchasers in the public and private sectors evaluate, compare and select desktop computers, notebooks and monitors based on their environmental attributes. EPEAT also provides a clear and consistent set of performance criteria for the design of products, and provides an opportunity for manufacturers to secure market recognition for efforts to reduce the environmental impact of its products.

AOC believes in protecting the environment. With a key concern for the conservation of natural resources, as well as landfill protection, AOC announces the launch of AOC monitor's packaging recycling program. This program is designed to help you discard of your monitor carton and filler materials properly. If a local recycling center is not available, AOC will recycle the packaging material for you, including foam filler and carton. AOC Display solution will only recycle AOC monitor packaging. Please refer to the following website address:

Only for North and South American, excluding Brazil: http://us.aoc.com/aoc-corporation/?page=environmental-impact For Germany: http://aoc-europe.com/de/content/environment For Brazil: http://www.aoc.com.br/pg/embalagem-verde

Service

Warranty Statement for Europe

LIMITED THREE-YEAR WARRANTY*

For AOC LCD Monitors sold within Europe, AOC International (Europe) B.V. warrants this product to be free from defects in material and workmanship for a period of Three (3) years after the original date of consumer purchase. During this period, AOC International (Europe) B.V. will, at its option, either repair the defective product with new or rebuilt parts, or replace it with a new or rebuilt product at no charge except as *stated below. In the absent of the proof of purchase, the warranty will start 3 months after the date of manufacturing indicated on the product.

If the product appears to be defective, please contact your local dealer or refer to the service and support section on <u>www.aoc-europe.com</u> for the warranty instructions in your country. The freight cost for the warranty is pre-paid by AOC for the delivery and return. Please ensure you provide a dated proof of purchase along with the product and deliver to the AOC Certified or Authorized Service Center under the following condition:

- Make sure the LCD Monitor is packed in a proper carton box (AOC prefers the original carton box to
 protects your monitor well enough during transport).
- Put the RMA number on the address label
- Put the RMA number on the shipping carton

AOC International (Europe) B.V. will pay the return shipping charges within one of the countries specified within this warranty statement. AOC International (Europe) B.V. is not responsible for any costs associated with the transportation of product across international borders. This includes the international border within the European Union. If the LCD Monitor is not available for collection when the currier attends, you will be charged a collection fee.

* This limited warranty does not cover any losses or damages that occur as a result of:

- Damages during transport due to improper packaging
- Improper installation or maintenance other then in accordance with AOC's user manual
- Misuse
- Neglect
- Any cause other than ordinary commercial or industrial application
- Adjustment by non-authorized source
- Repair, modification, or installation of options or parts by anyone other than an AOC Certified or Authorized Service Center
- Improper environments like humidity, water damage and dusts
- Damaged by violence, earthquake and terrorist attacks
- Excessive or inadequate heating or air conditioning or electrical powers failures, surges, or other irregularities

This limited warranty does not cover any of the product firmware or hardware that you or any third party have modified or altered; you bear the sole responsibility and liability for any such modifications or alteration.

All AOC LCD Monitors are produced according to the ISO 9241-307 Class 1 pixel policy standards.

If your warranty has expired, you still have access to all available service options, but you will be responsible for the cost of service, including parts, labor, shipping (if any) and applicable taxes. AOC Certified or Authorized Service Center will provide you with an estimate of service costs before receiving your authorization to perform service.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO A PERIOD OF THREE (3) YEARS FOR PARTS AND LABOR FROM THE ORIGINAL DATE OF CONSUMER PURCHASE. NO WARRANTIES (EITHER EXPRESSED OR IMPLIED) APPLY AFTER THIS PERIOD. AOC INTERNATIONAL (EUROPE) B.V. OBLIGATIONS AND YOUR REMEDIES HEREUNDER ARE SOLELY AND EXCULSIVELY AS STATED HERE. AOC INTERNATIONAL (EUROPE) B.V. LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT OR DAMAGE IS THE BASIS OF THE CLAIM. IN NO EVENT SHALL AOC INTERNATIONAL (EUROPE) B.V. BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE OR FACILITIES OR EQUIPMENT, OR OTHER INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. ALTHOUGH THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, YOU MAY HAVE OTHER RIGHTS, WHICH MAY VARY FROM COUNTRY TO COUNTRY. THIS LIMITED WARRANTY IS ONLY VALID FOR PRODUCTS PURCHASED IN THE MEMBER COUNTRIES OF THE EUROPEAN UNION.

Information in this document is subject to change without notice. For more information, please visit: http://www.aoc-europe.com

Warranty Statement for Middle East and Africa (MEA)

And

The Commonwealth of Independent States (CIS)

LIMITED ONE to THREE YEARS WARRANTY*

For AOC LCD Monitors sold within the Middle East and Africa (MEA) and the Commonwealth of Independent States (CIS), AOC International (Europe) B.V. warrants this product to be free from defects in material and workmanship for a period of One (1) to Three (3) years from the manufacture date depending on sale country. During this period, AOC International (Europe) B.V. offers a Carry-In (return to Service Center) Warranty Support at an AOC's Authorized Service Center or Dealer and at its option, either repair the defective product with new or rebuilt parts, or replace it with a new or rebuilt product at no charge except as *stated below. As a Standard Policy, the warranty will be calculated from the manufacture date identified from the product ID serial number, but the total warranty will be Fifteen (15) months to Thirty Nine (39) months from MFD (manufacture date) depending on sale country. Warranty will be considered for exceptional cases that are out of warranty as per the product ID serial number and for such exceptional cases; Original Invoice/Proof Of Purchase Receipt is mandatory.

If the product appears to be defective, please contact your AOC authorized dealer or refer to the service and support section on AOC's website for the warranty instructions in your country:

- Egypt: <u>http://aocmonitorap.com/egypt_eng</u>
- CIS Central Asia: <u>http://aocmonitorap.com/ciscentral</u>
- Middle East: <u>http://aocmonitorap.com/middleeast</u>
- South Africa: <u>http://aocmonitorap.com/southafrica</u>
- Saudi Arabia: <u>http://aocmonitorap.com/saudiarabia</u>

Please ensure you provide a dated proof of purchase along with the product and deliver to the AOC Authorized Service Center or Dealer under the following condition:

- Make sure the LCD Monitor is packed in a proper carton box (AOC prefers the original carton box to protects your monitor well enough during transport).
- Put the RMA number on the address label
- Put the RMA number on the shipping carton

* This limited warranty does not cover any losses or damages that occur as a result of:

- Damages during transport due to improper packaging
- Improper installation or maintenance other then in accordance with AOC's user manual
- Misuse
- Neglect
- Any cause other than ordinary commercial or industrial application
- Adjustment by non-authorized source

- Repair, modification, or installation of options or parts by anyone other than an AOC Certified or Authorized Service Center
- Improper environments like humidity, water damage and dusts
- Damaged by violence, earthquakes and terrorist attacks
- Excessive or inadequate heating or air conditioning or electrical powers failures, surges, or other irregularities

This limited warranty does not cover any of the product firmware or hardware that you or any third party have modified or altered; you bear the sole responsibility and liability for any such modifications or alteration.

All AOC LCD Monitors are produced according to the ISO 9241-307 Class 1 pixel policy standards.

If your warranty has expired, you still have access to all available service options, but you will be responsible for the cost of service, including parts, labor, shipping (if any) and applicable taxes. AOC Certified, Authorized Service Center or dealer will provide you with an estimate of service costs before receiving your authorization to perform service.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO A PERIOD OF ONE (1) to THREE (3) YEARS FOR PARTS AND LABOR FROM THE ORIGINAL DATE OF CONSUMER PURCHASE. NO WARRANTIES (EITHER EXPRESSED OR IMPLIED) APPLY AFTER THIS PERIOD. AOC INTERNATIONAL (EUROPE) B.V. OBLIGATIONS AND YOUR REMEDIES HEREUNDER ARE SOLELY AND EXCULSIVELY AS STATED HERE. AOC INTERNATIONAL (EUROPE) B.V. LIABILITY, WHETHER BASED ON CONTRACT, TORT, WARRANTY, STRICT LIABILITY, OR OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT OR DAMAGE IS THE BASIS OF THE CLAIM. IN NO EVENT SHALL AOC INTERNATIONAL (EUROPE) B.V. BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE OR FACILITIES OR EQUIPMENT, OR OTHER INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. ALTHOUGH THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, YOU MAY HAVE OTHER RIGHTS, WHICH MAY VARY FROM COUNTRY TO COUNTRY. THIS LIMITED WARRANTY IS ONLY VALID FOR PRODUCTS PURCHASED IN THE MEMBER COUNTRIES OF THE EUROPEAN UNION.

Information in this document is subject to change without notice. For more information, please visit: http://www.aocmonitorap.com



AOC International (Europe) B.V.

Prins Bernhardplein 200 / 6th floor, Amsterdam, The Netherlands Tel: +31 (0)20 504 6962 • Fax: +31 (0)20 5046933

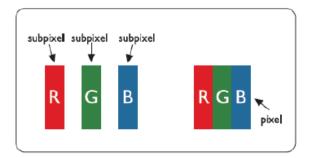
AOC Pixel Policy ISO 9241-307 Class 1

July 25th, 2013

AOC strives to deliver the highest quality products. We use some of the industry's most advanced manufacturing processes and practice stringent quality control. However, pixel or sub pixel defects on the TFT monitor panels used in flat panel monitors are sometimes unavoidable. No manufacturer can guarantee that all panels will be free from pixel defects, but AOC guarantees that any monitor with an unacceptable number of defects will be repaired or replaced under warranty. This Pixel Policy explains the different types of pixel defects and defines acceptable defect levels for each type. In order to qualify for repair or replacement under warranty, the number of pixel defects on a TFT monitor panel must exceed these acceptable levels.

Pixels and Sub Pixel Definition

A pixel, or picture element, is composed of three sub pixels in the primary colors of red, green and blue. When all sub pixels of pixel are lit, the three colored sub pixel together appear as a single white pixel. When all are dark, the three colored sub pixels together appear as a single black pixel.



Types of Pixel Defects

- Bright Dot Defects: the monitor displays a dark pattern, sub pixels or pixels are always lit or "on"
- Black Dot Defects: the monitor displays a light pattern, sub pixels or pixels are always dark or "off".

ISO 9241-307	Defect Type 1	Defect Type 2	Defect Type 3		Defect Type 4 Black
Pixel Defect Class	Bright Pixel	Black Pixel	Bright Sub pixel		Sub pixel
			2	+	1
Class 1	1	1	1	+	3
			0	+	5

AOC International (Europe) B.V.

Warranty Statement for North & South America (excluding Brazil)

WARRANTY STATEMENT

for AOC Color Monitors Including those Sold within North America as Specified

Envision Peripherals, Inc. warrants this product to be free from defects in material and workmanship for a period of three (3) years for parts & labor and one (1) year for CRT Tube or LCD Panel after the original date of consumer purchase. During this period, EPI (EPI is the abbreviation of Envision Peripherals, Inc.) will, at its option, either repair the defective product with new or rebuilt parts, or replace it with a new or rebuilt product at no charge except as *stated below. The parts or product that are replaced become the property of EPI.

In the USA to obtain service under this limited warranty, call EPI for the name of the Authorized Service Center closest to your area. Deliver the product freight pre-paid, along with the dated proof of purchase, to the EPI Authorized Service Center. If you cannot deliver the product in person:

- Pack it in its original shipping container (or equivalent)
- Put the RMA number on the address label
- Put the RMA number on the shipping carton
- Insure it (or assume the risk of loss/damage during shipment)
- Pay all shipping charges

EPI is not responsible for damage to inbound product that was not properly packaged.

EPI will pay the return shipment charges within one of the countries specified within this warranty statement. EPI is not responsible for any costs associated with the transportation of product across international borders. This includes the international borders of the countries within this warranty statements.

In the United States and Canada contact your Dealer or EPI Customer Service, RMA Department at the toll free number (888) 662-9888. Or you can request an RMA Number online at www.aoc.com/na-warranty.

* This limited warranty does not cover any losses or damages that occur as a result of:

- Shipping or improper installation or maintenance
- Misuse
- Neglect
- Any cause other than ordinary commercial or industrial application
- Adjustment by non-authorized source
- Repair, modification, or installation of options or parts by anyone other than an EPI Authorized Service Center
- Improper environment
- * Excessive or inadequate heating or air conditioning or electrical power failures, surges, or other irregularities

This three-year limited warranty does not cover any of the product's firmware or hardware that you or any third party have modified or altered; you bear the sole responsibility and liability for any such modification or alteration.

ALL EXPRESS AND IMPLIED WARRANTIES FOR THIS PRODUCT (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO A PERIOD OF THREE (3) YEARS FOR PARTS AND LABOR AND ONE (1) YEAR FOR CRT TUBE OR LCD PANEL FROM THE ORIGINAL DATE OF CONSUMER PURCHASE. NO WARRANTIES (EITHER EXPRESSED OR IMPLIED) APPLY AFTER THIS PERIOD. IN THE UNITED STATES OF AMERICA, SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

EPI OBLIGATIONS AND YOUR REMEDIES HEREUNDER ARE SOLELY AND EXCLUSIVELY AS STATED HERE. EPI' LIABILITY, WHETHER BASED ON CONTRACT, TORT. WARRANTY, STRICT LIABILITY, OR OTHER THEORY, SHALL NOT EXCEED THE PRICE OF THE INDIVIDUAL UNIT WHOSE DEFECT OR DAMAGE IS THE BASIS OF THE CLAIM. IN NO EVENT SHALL ENVISION PERIPHERALS, INC. BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE OR FACILITIES OR EQUIPMENT OR OTHER INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE. IN THE UNITED STATES OF AMERICA, SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. ALTHOUGH THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.

In the United States of America, this limited warranty is only valid for Products purchased in the Continental United States, Alaska, and Hawaii.

Outside the United States of America, this limited warranty is only valid for Products purchased in Canada.

Information in this document is subject to change without notice. For more details, please visit:

USA: http://us.aoc.com/support/find_service_center ARGENTINA: http://ar.aoc.com/support/find_service_center BOLIVIA: http://bo.aoc.com/support/find_service_center CHILE: http://cl.aoc.com/support/find_service_center **COLOMBIA:** http://co.aoc.com/support/find_service_center COSTA RICA: http://cr.aoc.com/support/find_service_center DOMINICAN REPUBLIC: http://do.aoc.com/support/find_service_center ECUADOR: http://ec.aoc.com/support/find_service_center EL SALVADOR: http://sv.aoc.com/support/find_service_center GUATEMALA: http://gt.aoc.com/support/find_service_center HONDURAS: http://hn.aoc.com/support/find_service_center NICARAGUA: http://ni.aoc.com/support/find_service_center PANAMA: http://pa.aoc.com/support/find_service_center PARAGUAY: http://py.aoc.com/support/find_service_center PERU: http://pe.aoc.com/support/find_service_center URUGUAY: http://pe.aoc.com/support/find_service_center VENEZUELA: http://ve.aoc.com/support/find_service_center IF COUNTRY NOT LISTED: http://latin.aoc.com/support/find_service_center

EASE PROGRAME



Only for AOC branded monitors sold within the continental United States.

All AOC branded monitors are now covered by the EASE Program. If your monitor malfunctions at any time during the first three months, AOC will provide a replacement monitor within 72 hours after you are approved for our program. If your monitor qualifies for the EASE program, AOC will pay for freight both

ways.

Step 1: Phone our TECH Department at 888.662.9888.

Step 2: Fill out and return EASE registration forms by mail or fax.

Step 3: We will issue a Return Authorization Number upon verification into the program.

Step 4: A monitor will be advance shipped to your location.

Step 5: We will issue a UPS Call Tag to pick up the defective unit.

Step 6: Please review the following chart to see your EASE program qualifications.

WARRANTY	COVERAGE AT	CUSTOMER	
PERIOD	NO CHARGE	CHARGES	
Within the first three months of	- New AOC monitor - Call tag	- None*	
purchase: Covered by EASE	dispatched and return freight		
	charges via UPS		
Between 4 months – 1 Year	- All Parts & Labor Including CRT	- UPS Return Freight to AOC	
	Tube & LCD Panel		
Between 1 Year - 3 Years: Covered	- Parts & Labor (excluding CRT	- UPS Return Freight to AOC	
by standard limited warranty	Tube & LCD Panel)		

*AOC will need to obtain a credit card number if you would like to get a new AOC monitor advanced shipped to your location, prior to the defective unit arriving at AOC's service center. If you do not wish to supply a credit card, AOC will only ship the new monitor, once the defective unit arrives at the AOC service center.

