



DUI27160 Gaming Monitor Manual



TABLE OF CONTENTS

WARNING/CAUTION

WARNING/CAUTION	1
FCC NOTICE	1
Caution	1

Important Safety Notice	2
--------------------------------------	----------

Basic instruction

Equipment subassembly	3
The best resolution	3
Input voltage	3
Keys Function	3

Connection	4
-------------------------	----------

On Screen Display(OSD)	5
-------------------------------------	----------

WARNING/CAUTION



WARNING/CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

FCC NOTICE

Class B digital device

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.

Caution

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

Do not attempt to modify this product in any way without written authorization from the dealer.

Unauthorized modification could void the user's authority to operate this product.

To prevent fire or shock hazards, do not expose this product to rain or moisture.

IMPORTANT SAFETY NOTICES

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with a dry and soft cloth.
7. Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or any other apparatus(including amplifiers) that produces heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the unit. When a cart is used, use caution when moving the cart/monitor combination to avoid injury from tip-over.

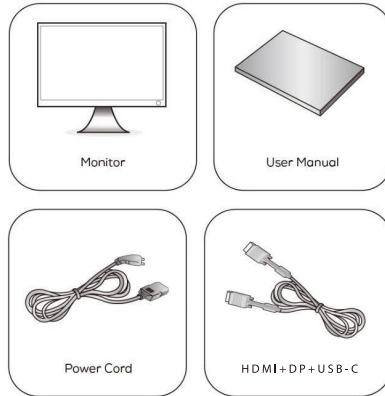


13. Unplug this product during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Do not expose this product to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the unit.

BASIC INSTRUCTION

Equipment subassembly

Please check your monitor equipment subassembly including the following:



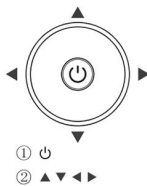
Input voltage

AC 100-240V~ 50/60Hz(Please consult the back label of your monitor.)

Power indicator light

Indicator	Mode
No light	Power off
Green light	Normal work statement
Green light flash	No signal input

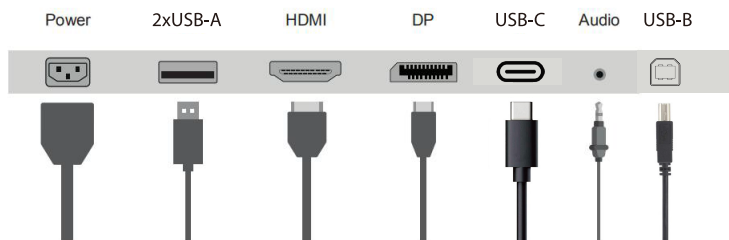
Keys Function



Five axis rocker key	
Key	Function
① OK key	<p>a. press and hold the "OK key" for 6 seconds to turn on and off.</p> <p>b. When the display is turned on, click "OK" to wake up the main menu for one second.</p> <p>c. Select "direction key" to select the items to be adjusted up and down in the main menu. After selecting the items, click "OK" to adjust. Click "OK" again to save and return to the upper menu.</p>
② Direction key	<p>Press "OK" to touch up, down, left and right to control the focus moving up, down, left and right. In the progress bar, the left and right keys are to reduce and increase functions respectively.</p>
Shortcut button	<p>a. "OK" touch to the right: "OK" touch to the right, call up the signal source selection shortcut menu, select the signal source with the cursor, select and press "OK".</p> <p>b. "OK key" touch left ~ "OK key" touch left, call up the display mode shortcut menu, select the display mode with the cursor, select and press "OK key".</p> <p>c. "OK" touch up: "OK" touch up to call up the Gameplus timer shortcut. Select the desired timing length and press OK. To exit, repeat the "OK" key up.</p> <p>d. "OK" touch down: "OK" touch down to call up Gameplus sight shortcut. Select the desired sight and press OK. To exit, repeat the "OK" key up.</p>

Connection

Connecting cables



Connect the power cord for your monitor to the *AC IN* port on the back of the monitor.

Plug the power cord for the monitor into a nearby outlet.

Use a connection appropriate for your computer.

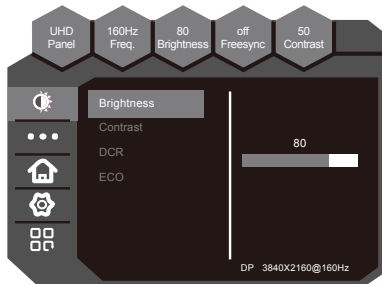
Using the HDMI/DP/USB-C connector on the video card.

- Connect the signal cable to the HDMI/DP/USB-C port of your monitor.

On Screen Display(OSD)

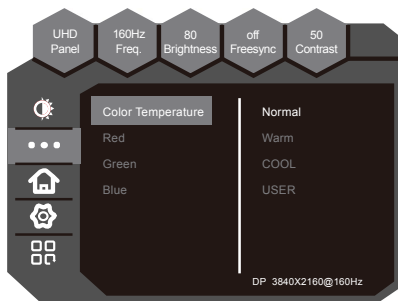
PICTURE

1. BRIGHTNESS – Adjusts display brightness.
2. CONTRAST – Adjusts display contrast ratio.
3. DCR
 - a.On – This display mode is for Enables DCR.
 - b.Off – This display mode is for Disables DCR.
4. ECO
 - a.Standard – This display mode is for Normal use mode.
 - b.Photo – This display is for Photo use mode.
 - c.Movie – This display mode is for playing movies.
 - d.Game – This display is for Game use mode.
 - e.FPS – This display mode is for playing first person shooter games.
 - f.RTS – This display mode is for playing real time strategy games.



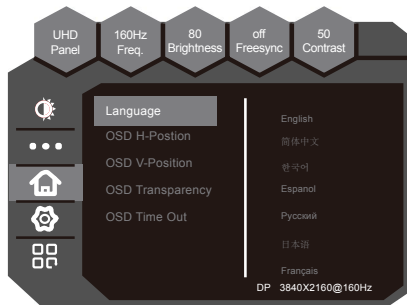
Color

1. Color Temperature – This option adjusts the intensity of the color.
 - a. Normal – This color temperature is for Set as Normal color temperature.
 - b. Warm – This color temperature is for Set as warm color temperature.
 - c. COOL – This color temperature is for users who prefer a cool white balance.
 - d. USER – This color temperature is for users who would like to adjust the RGB (red, green, blue) values manually.
2. Red – Adjust Red Color Of color temperature.
3. Green – Adjust Green Color Of color temperature.
4. Blue – Adjust Blue Color Of color temperature.



OSDSetting

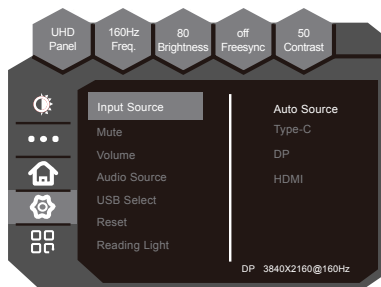
1. Language – This is a language description.
 - a. English – Select English as Menu Language.
 - b. 简体中文 – Select Simplified Chinese as Menu Language.
 - c. 한국어 – Select Korean as Menu Language.
 - d. Español – Select Spanish as Menu Language.
 - e. русский – Select Russian as Menu Language.
 - f. 日本語 – Select Japanese as Menu Language.
 - h. Français – Select French as Menu Language.
2. OSD H-position – Adjusts OSD horizontal position.
3. OSD V-position – Adjusts OSD vertical position.
4. OSD Transparency – Adjusts OSD transparency.
5. OSD Time out – Adjusts OSD display time.



On Screen Display(OSD)

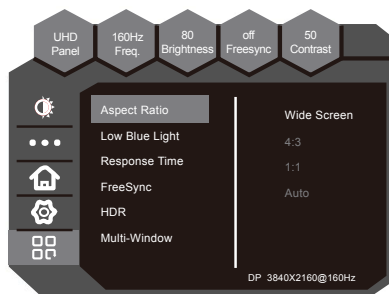
Setup

1. Input Source
 - a. DP – Select DP as Input
 - b. USB-C - Select USB-C as Input.
 - c. HDMI – Select HDMI as Input.
2. MUTE - This option will allow you to open or close mute.
3. VOLUME - This option will allow you to adjust the volume.
4. AUDIO SOURCE - When Open Multi-Window, this option allows you to choose audio source from different sources.
5. RESET – This option resets all values in the OSD back to factory standard.
6. Firmware Update - When Open Multi-Window, this option allows you to choose audio source from different sources.



Other

1. Aspect Ratio
 - a. Wide Screen – Set Aspect Ratio is Wide Screen.
 - b. 4:3 – Set Aspect Ratio is 4:3.
 - c. 1:1 – Set Aspect Ratio is 1:1.
 - d. Auto – Set Aspect Ratio is Auto.
2. LOW blue Light
 - a. off – Close Low Blue Light.
 - b. LOW – Set Low Blue Light to Low
 - c. Medium – Set Low Blue Light to Medium.
 - d. High – Set Low Blue Light to High
 - e. MaxHigh – Set Low Blue Light to MaxHigh.
3. Response Time
 - a. on – Open Response Time.
 - b. off – Close Response Time.
4. FreeSync - This option support a dynamic refresh rate aimed at reducing screen tearing.
5. HDR - This option turns on or off the HDR of the monitor.
6. Multi-Window
 - a. Multi-Window - This option allows you to select Multi-window mode.
 - b. Sub Win2 Input - This option allows you to select the source to be displayed in the second window.
 - c. PIP Size - This option allows you to change the size of the Sub Window in PIP mode.
 - d. PIP Position - This option allows you to change the position of the Sub Window in PIP mode.
 - e. Swap - This option allows you to invert the display interface of the Main Window and the Sub Window.



DUI27160 - Specifications

Display	Screen	27 inch Fast-IPS panel
	Resolution	3840×2160 @ 160Hz
	Display mode	LED backlight
	Viewing area	596.16×335.34 mm (H×V)
	Viewing angle	H:178°/ V:178°
	Contrast	1000:1
	Brightness	400 cd/m2
	Dot pitch	0.05175×0.15525 mm (H×V)
	Screen scale	16:9
	Display color	1.07 billion (10 bit)
	Refresh rate	160Hz
	Response time	0.5ms
	sRGB	130%
	DCI-P3	96%
Features	Frame design	Frameless
	Night sensor light	On the bottom
	Connector	HDMI 2.1+ DP 1.4+ USB-C+ USB-B+ 2×USB-A+ Audio out+ AC
	VESA	75×75 mm
	Gaming advantage	AMD Free Sync / Gsync compatible / Ultra vivid / Flicker-free / HDR / Low blue light USB-C 65W reverse charging
Operation	OSD language	Multiple languages
Power	Type	AC power supply
	Voltage	100-240AC 50/60Hz
	Max consumption	65W at USB-C reverse charging
	Stand-by	< 0.5W
Accessories	Power	1×Power cable
	Cable	1×DP cable + 1×HDMI cable + 1×USB-C cable
	Stand	1×Adjustable stand (rotatable & liftable)
	User manual	1×English + 1×Arabic
	Warranty card	1×Warranty card