INOO

User Manual

Model:16.1 inch

Contents

01 About Your Monitor

Monitor Specifications

Screen Type	IPS
Screen Size	16.1 inch 367.9*229.8mm
Resolution	1920 x 1080
Aspect Ratio	16 : 9
Color Gamut	72% NTSC
Color Depth	16.78 Million colors
Color Temperature	6500K
Brightness	300 cd/m^2
Contrast Ratio	1000 : 1
Viewing Angle	Horizontal 178° Vertical 178°
Refresh Rate	60 Hz
Net Weight	1.9 lbs
Dimension	14.4 * 9.1 * 0.24inch
HDR Support	Yes
FreeSync Support	Yes
Power Consumption	5W
Connectivity	2 Full-featured Type-C ports, Mini HDMI, 3.5mm Audio Jack
Built-in devices	Speakers(1W * 2)

Package Contents

Please contact us if anything is missing or damaged.
(info@ayybuy.com)

AYY Portable Monitor

USB Type C to USB Type C Cable
For power and video signal transmission.
Can be connected to the Type-C port of your
device for power and display by single cable.

Mini HDMI to HDMI Cable
For video signal transmission
External power supply is required.

USB Type C to USB 3.0 A Male Cable
For power only.
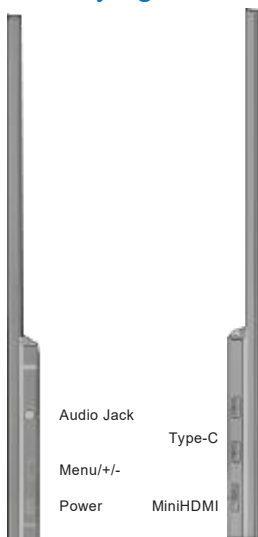**Does not** support video signal transmission

Wall Charger
5V 2A(10W)

Setting up the monitor

Note: The bracket supports maximum 90° angle

Identifying Parts and Controls

Audio Jack
Type-C
Menu/+/-
Power   MiniHDMI

Audio Jack:
Connect speakers, headphones, etc.
Menu/+/-:
Press to enter the OSD menu
Press to confirm the settings
Scroll up to open brightness menu.
Scroll down to open volume menu.
Turn up/down the volume or brightness.
Power:
Long Press: Power ON/OFF
Type-C:
Audio and video signal transmission
Power supply, supports reverse
charging, compatible with PD 2.0
protocol, supports 5~20V input.
MiniHDMI:
Audio and video signal transmission

02 Using the Monitor

Identify the ports of your device

It's important to identify the ports of your device to properly connect your device to the monitor.

HDMI

Mini HDMI

For video signal transmission:
Connect to the monitor by HDMI cable.

USB Type-C / Thunderbolt 3.0

For video signal transmission and power supply:
Connect to the monitor by single USB Type-C to USB Type-C cable for power and display.

> **Note:**
> The Type-C port of some devices like
> HP Elitebook, HP Pavilion, Acer Aspire,
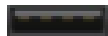> does not support video output, only supports charging.

DisplayPort (DP) e.g. HP Elitebook

Mini DisplayPort (Mini DP) e.g. Microsoft Surface

For video signal transmission:
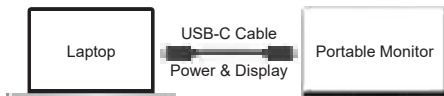Connect to monitor by (Mini) DP to HDMI adapter & HDMI cable.

USB Type-A

For power output and data transmission.
Cannot be used to connect to the monitor for video signal transmission, this port can only be used to power on the monitor.

Connecting your Monitor
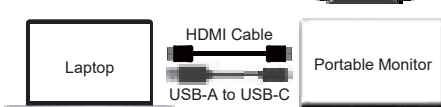
Laptop/PC Connection

1) Laptop/PC with Type-C port

Laptop	USB-C Cable Power & Display	Portable Monitor

Note: Please use the wall charger to power on the monitor to avoid black or flashing screen when power supply is not enough.

Laptop	USB-C Cable Power & Display	Portable Monitor	USB-C to USB-A

Note:
- USB-A to USB-C cable cannot be used for video transmission.
- The Type-C port of some devices does not support display and only supports charging. If it displays "No Signal", please contact us for help.

2) Laptop/PC with HDMI port

Laptop	HDMI Cable USB-A to USB-C	Portable Monitor

Note: Please use the wall charger to power on the monitor to avoid black or flashing screen when power supply is not enough.

Laptop	HDMI Cable	Portable Monitor	USB-C to USB-A

3) Laptop/PC with (mini) DisplayPort
e.g. Microsoft Surface, HP Elitebook

(mini)DP to HDMI adapter
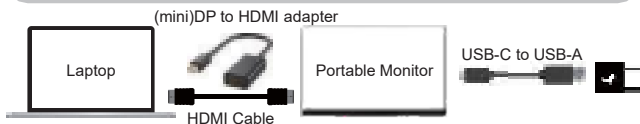
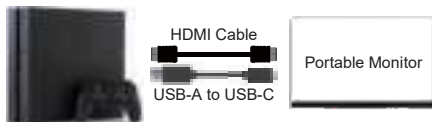| Laptop | |
HDMI Cable | Portable Monitor |

USB-A to USB-C for Power

Note: Please use the wall charger to power on the monitor to avoid black or flashing screen when power supply is not enough.

(mini)DP to HDMI adapter

| Laptop | | Portable Monitor | USB-C to USB-A |

HDMI Cable

Note:
(Mini)DP to HDMI adapter is not included in package.

PS4/Xbox Connection

HDMI Cable | Portable Monitor

USB-A to USB-C

Note:
Please use the wall charger to power on the monitor to avoid black or flashing screen when power supply is not enough.

HDMI Cable | Portable Monitor USB-C to USB-A

Switch Connection

USB-C Cable   Portable Monitor   USB-C Cable

Note:
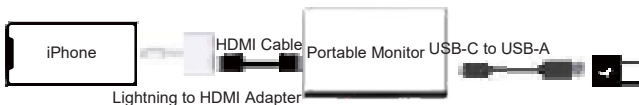Switch cannot provide enough power supply for monitor. Please use Switch original PD charger and plug it into the Type-C port of monitor. It may not work if using other chargers.

Phone Connection

Android Phone   USB-C Cable   Portable Monitor   USB-C to USB-A

Note:
- Phones may not be able to provide enough power supply for monitor with high brightness, please plug in wall charger to Type-C port to power on the monitor, then plug in USB-C cable connected to phone to another Type-C port.
- Some phones like Google Pixel do not support video output.

iPhone   HDMI Cable   Portable Monitor   USB-C to USB-A

Lightning to HDMI Adapter

Note:
A Lightning to HDMI adapter is required for iPhone.

iPhone Connection with Lightning to HDMI adapter

3. Connect the monitor to the adapter by HDMI cable.

1. Use the charger to provide power supply for the adapter

2. Connect the adapter to your iPhone

Using the On-Screen Display(OSD) Menu
Shortcut Menu

- Scroll up to open the Brightness Menu.
- Scroll down to open the Volume Menu.

Main Menu

- Press the Menu button to open and display the OSD menu
- Scroll up and down to toggle between options
- Press the Menu button to select the highlighted item
- Scroll up and down to select the desired parameter
- Press the Menu button to enter the slide bar of options
- Press the Exit button to return to previous menu without saving current settings or Press Menu button comfirm settings

Brightness/Contract

- Brightness: Allows you to adjust the brightness or luminance of the backlight (Range: 0~100).
- Contrast: Adjust the contrast between the objects and background. (Range: 0~100).
- ECO: 4 image modes (Standard/Game/Movie/Photo)
- DCR: Select On / Off to enable / disable dynamic contrast ratio
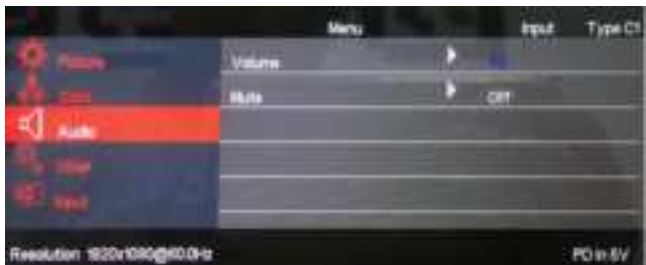- Sharpness: Make the outline of objects more clear(Range: 0~4).

Note:
- When the monitor is connected to phones, if there is no external power supply and the brightness is adjusted to a high value, brightness will be automatically adjusted to 30 because of not enough power supply. Please use the wall charger to power on the monitor to avoid black or flashing screen.
- Brightness and Contrast cannot be adjusted if ECO is set to "Game / Movie / Photo" mode or DCR is turned on.
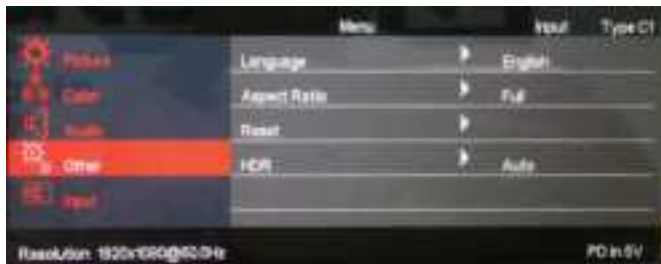
Color Settings

- Temp: Adjust the tint of screen to, 6500k, sRGB, User.
- HUE: Adjust the hue of the image (Range: 0~100)
- Saturation: Adjust the saturation of the image (Range: 0~100)

Audio Settings

- Mute: Mute the volume (ON / OFF)
- Volume: Allows you to adjust the volume. (Range: 0~100).

Other Settings

- Aspect Ratio: Set Aspect Ratio to Full Screen or 16:9
- Language: English, German, French, Janpanes,Italian and Korean.
- HDR: Set the HDR Mode to AUTO/OFF/2084.
- Reset: Return all the settings to the default factory settings.

Note: Brightness, Contrast and ECO settings cannot be
adjusted if HDR is turned on (set to 2084).

Input

- Type-C: Display the signal from Type-C port.
- HDMI: Display the signal from HDMI port.

Using the Duplicate/Extend/Second Screen

Windows

- Right click on the desktop and select "Display settings"
- Scroll down to the "Multiple Displays" option.
  Select "Duplicate these displays" or "Extend these displays"
  or "Show only on 2" for Different Modes

Multiple displays

Duplicate these displays

Extend these displays

Show only on 1

Show only on 2

How to extend a second screen on the left side

- Right click on the desktop and select "Display settings"
- In the top section of that window, you will see an image of each
  screen with numbers.
- Press and hold the left mouse button and drag that image to
  the opposite side of the image on the right and release the
  mouse cursor.
- Click Apply

Rearrange your displays

Select a display below to change the settings for it. Press and hold (or select) a display, then drag to rearrange it.

MacOS

- Choose Apple menu System Preferences, click Displays.
- Click the Arrangement tab.
- Make sure that the Mirror Displays checkbox isn't selected for Extend Mode or is selected for Mirror Mode.
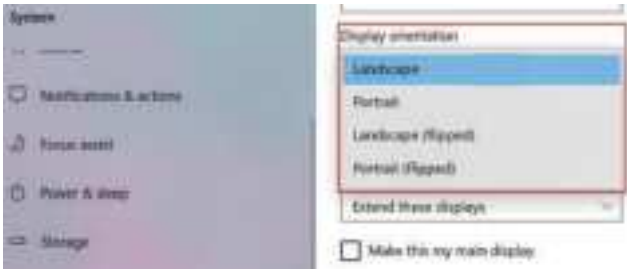
Mac OS

- Choose Apple menu System Preferences.
- Hold down the Cmd+Option(Alt) keys and click on "Displays"
- Look for the newly visible 'Rotation' drop down menu.

Windows

- Right click on the desktop and select Display settings
- Scroll down to the "Display orientation" option.
  Selecting "Landscape" or "Portrait"

03 Troubleshooting

Please feel free to contact us for any problem.

✉ info@ayybuy.com

Black screen or No signal
1. Please use the original accessories we provide (cables and charger). USB 3.0 A Male to USB Type C cable does not support video signal transmission.
2. Please unplug all cables from the monitor and plug in all cables again.
3. For single USB-C connection for power and display, the Type-C port of some devices like HP Elitebook, Acer Aspire does not support video output and only supports charging. Please contact us to help you confirm if your device supports.
4. Please set the display mode to Extend in Windows.
5. Connect the monitor to other devices to check if the monitor can work well with other devices.
6. Please contact us for help (email: info@ayybuy.com)

How to connect this monitor to laptop without HDMI port like Microsoft Surface Pro, Surface Book, HP EliteBook, etc.
A (mini) DP to HDMI adapter is required to connect the monitor to your device.

Monitor keeps flashing/restarting

1. Flashing or continuously restarting is usually caused by not enough power supply.
   If the monitor is connected to your device by single USB-C cable, some laptops and phones cannot provide enough power supply for this monitor. Please plug in wall charger to Type-C port of monitor for enough power supply or turn down the brightness for less power consumption.
2. Please contact us for help (email: info@ayybuy.com)

I use the USB Type C to USB 3.0 A Male cable to connect the monitor to my device, but it displays "no signal"

The USB Type C to USB 3.0 A Male cable can only be used for power supply. This cable does not support video transmission.

My Android Phone is equipped with Type-C port. But it does not work with this monitor.

1. Phones may not be able to provide enough power supply for the monitor, please plug in the wall charger to Type-C port, then connect phone to another Type-C port by USB-C cable.
2. The Type-C port of some phones does not support display and only supports charging. For example, the Type-C port of Google phones like Pixel does not support video output.
   . (info@ayybuy.com)

NTD Switch is connected to the monitor by USB-C cable, but it does not work.

1. Please use the orignal USB Type C cable we provide to connect the monitor to NTD Switch, please refer to Page 7.
2. Please use NTD Switch original PD wall charger to power on the monitor instead of the charger we provide.

How to extend a second screen on the left side?
1. Please refer to Page 13 for instruction.
2. Please contact us for help (info@ayybuy.com)

Can the monitor work with Apple iPhone?
Yes. A Lightning to HDMI adapter is required for iPhone to work with the monitor.

Can this monitor work with iPad?
Yes. If the port of iPad is Type-C port, the monitor will work well with iPad by single USB-C cable. But for iPad with lightning, a lightning to HDMI adapter is required to work with the monitor.

How to save the setting of brightness.
The monitor will automatically save all settings when using USB-C connection or HDMI connection for display. As for single USB-C connection for power and display, if the device cannot provide enough power supply for this monitor, then the monitor will reset the brightness to 30 automatically.

Why the brightness and contrast cannot be adjusted?
The brightness and contrast cannot be adjusted if HDR is turned on, or ECO is set to "MOVIE, GAME, TEXT..." mode, or DCR is turned on. Please refer to Page 12 to reset these settings.

Thank You