INF4030

DigiEasel User Guide

009-1599-05

InFocus

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Declaration of Conformity

Manufacturer: InFocus Corporation, 13190 SW 68th Parkway, Suite 200, Portland, Oregon 97223-8368 USA

Trademarks

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FCC Warning

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of the equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Changes or modifications not expressly approved by InFocus Corporation may void authority to operate the equipment.

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.

NOTE:THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT.SUCH MODIFICATIONS COULD VOID THE USER’S AUTHORITY TO OPERATE THE EQUIPMENT.

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Canada

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

This device complies with part 15 of the FCC Rules / RSS-210. 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.

Cet appareil est conforme à l'article 15 des réglementations de la FCC / CNR-210. Le fonctionnement est subordonné aux deux conditions suivantes : (1) ce appareil ne doit pas provoquer d'interférences nuisibles, et (2) ce appareil doit accepter toute interférence reçue, y compris des interférences qui peuvent provoquer un fonctionnemnent non désiré.

이 기기는 업무용으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며 만약 잘못 판매 또는 구입하였을 때에는 가정용으로 교환하시기 바랍니다.

申明：此为A级产品，在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对其干扰采取切实可行的措施。

警告使用者：這是甲類的通訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

Agency Approvals

See product certification label.

This document applies to regulatory model: INF4030

Input ratings: 100-240V 50/60Hz, 1.2A

InFocus reserves the right to alter product offerings and specifications at any time without notice.

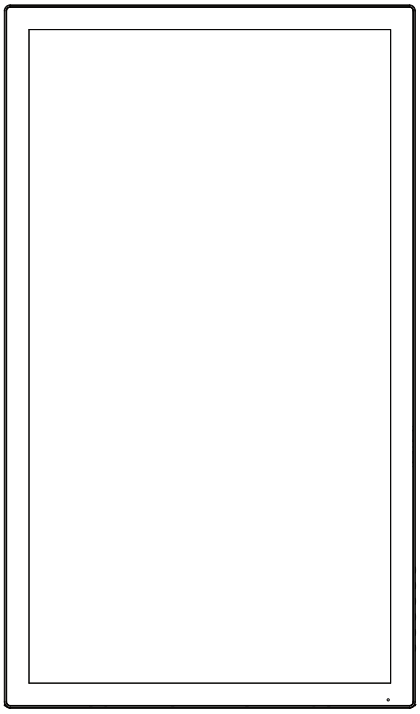
Safety Considerations

Please read and follow all safety instructions provided below and on the monitor before connecting the monitor to a power source. Failure to comply with safety instructions may result in fire, electrical shock, or personal injury and may damage or impair protection provided by the equipment. Please save all safety instructions.

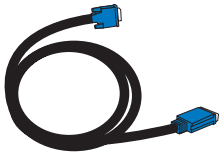
- When moving the monitor carton, do not tilt or invert the carton. Always keep it in an upright orientation.
- Disconnect all accessories and cables before moving the monitor.
- Refer to this guide for proper startup and shutdown procedures.
- Follow all warnings and cautions in this manual and on the monitor.
- Locate the monitor at least 4' (1.2m) away from heating and cooling vents.
- Do not block ventilation openings. Locate the monitor in a well-ventilated area without obstructions to intake or exhaust vents.
- Do not install or use the monitor near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
- Do not place the monitor in direct sunlight, humid, greasy or dusty places or in places where the monitor may come into contact with rain, smoke or steam.
- The monitor should not be used with the power cord near water, for instance, near a bathtub, washbowl, kitchen sink or swimming pool, etc.

- Do not use any components of the monitor, including the speakers, near water. Warning: To reduce the risk of fire or electric shock, do not expose this equipment or any component of this equipment to rain or moisture.
- Do not drop the monitor.
- Do not spill liquid on the monitor. Spilled liquid may damage the monitor.
- The power outlet used to power this monitor should be readliy accessible for fast disconnection in case of emergency.
- No naked flame source, such as lighted candles, should be placed on the monitor.
- Use the power cord provided. Connect the power cord to a receptacle with a protective safety (earth) ground terminal. A surge-protected power strip is recommended. Do not overload wall outlets.
- It is recommended that the monitor be grounded.
- Do not install the monitor in places subject to mechanical vibration.
- Do not place the monitor on an unstable surface, which could result in serious personal injuries and monitor damage. When mounting the monitor to a stand, be sure to following the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.
- When disconnecting the power cord, hold the plug, not the cord.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the monitor.
- Unplug the monitor if you are not going to use it for an extensive period of time.
- Unplug the monitor if you need to clean it with the included microfiber cleaning cloth. The screen may be wiped with the cleaning cloth when the power is off. Never use alcohol, solvents or ammonia-based liquids on this monitor.
- Wash hands after handling the cables supplied with this monitor.
- Only use properly rated mounting hardware that meets this product's specifications and follow the manufacturer installation instructions. The warranty does not cover any damage caused by use of improperly rated mounting hardware or from improper installation.
- Refer all service to qualified service personnel. Do not remove the cover or back. Servicing your own monitor can be dangerous to you and will void the warranty.
- Only use replacement parts specified by InFocus. Unauthorized substitutions may result in fire, electrical shock or injury and may void the warranty.
- Follow these instructions to help ensure image quality over the life of the monitor. Failure to follow these instructions may affect the warranty.

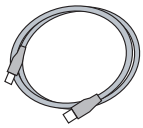
What's Included



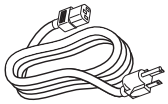
Monitor



VGA cable



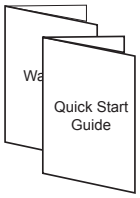
USB cable
(Type A to B)



Power cord
(varies per country)

Stylus

Stylus shelf



Documentation

*Not included for all countries. For setup purposes, a keyboard and mouse are recommended. For additional accessory options, such as stands, see the InFocus website (www.infocus.com/store) or your local dealer.

Setup

Mounting

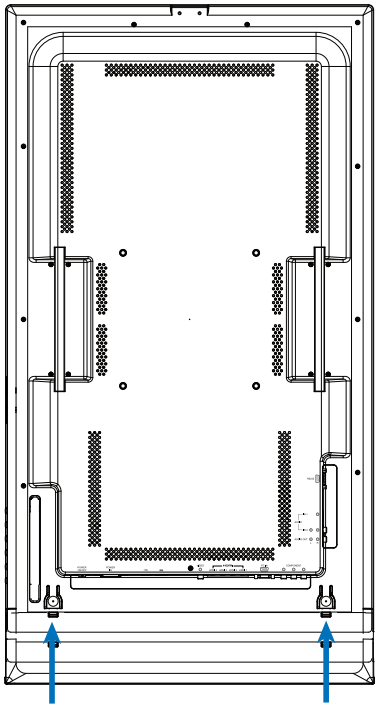
This product does not ship with mounting accessories, however it can be mounted with any industry standard VESA 200x200 pattern. This could be a stand, wall mount, or cart, etc. the monitor can be used in either portrait and landscape orientation. Please refer to InFocus.com for the latest options.

- Only use properly rated mounting hardware that meet this product's specifications and follow the manufacturer installation instructions. The warranty does not cover any damage caused by use of improperly rated mounting hardware or from improper installation.
- To prevent damage to the screen surface, carefully place your monitor face-down on a clean, cushioned surface.
- Do not install the monitor in places subject to mechanical vibration.
- Do not place the monitor on an unstable surface, which could result in serious personal injuries and monitor damage. When mounting the monitor to a stand, be sure to following the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.
- Do not install or use the monitor near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
- Do not place the monitor in direct sunlight, humid, greasy or dusty places or in places where the monitor may come into contact with rain, smoke or steam.

Attach tray

The tray can only be used when the monitor is placed in Portrait mode.

1) Align the tray with the bottom edge on the backside of the monitor. Verify the that tray tabs are aligned with the latches on the back of the monitor.



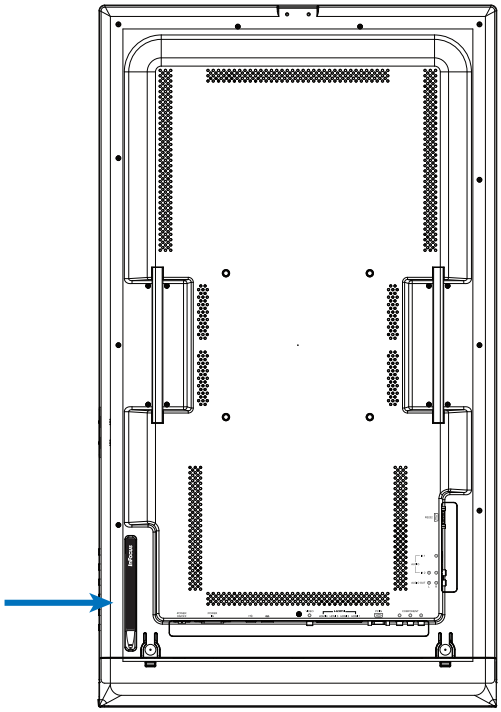
2) Gently slide the tray up equally on both sides until an audible click is heard.

3) To release the tray, simply press both latch buttons and catch the tray as it falls down.

Attach stylus

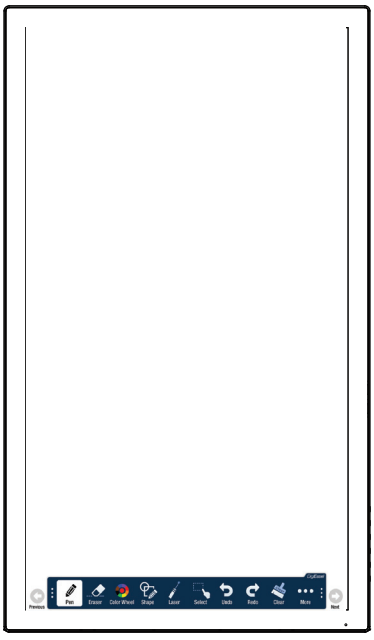
1) Remove the magnetic stylus from the cardboard accessory box.

2) Place the stylus on the back side of the panel in the indentation on the back side. The stylus can also be placed on the tray if the tray is installed.



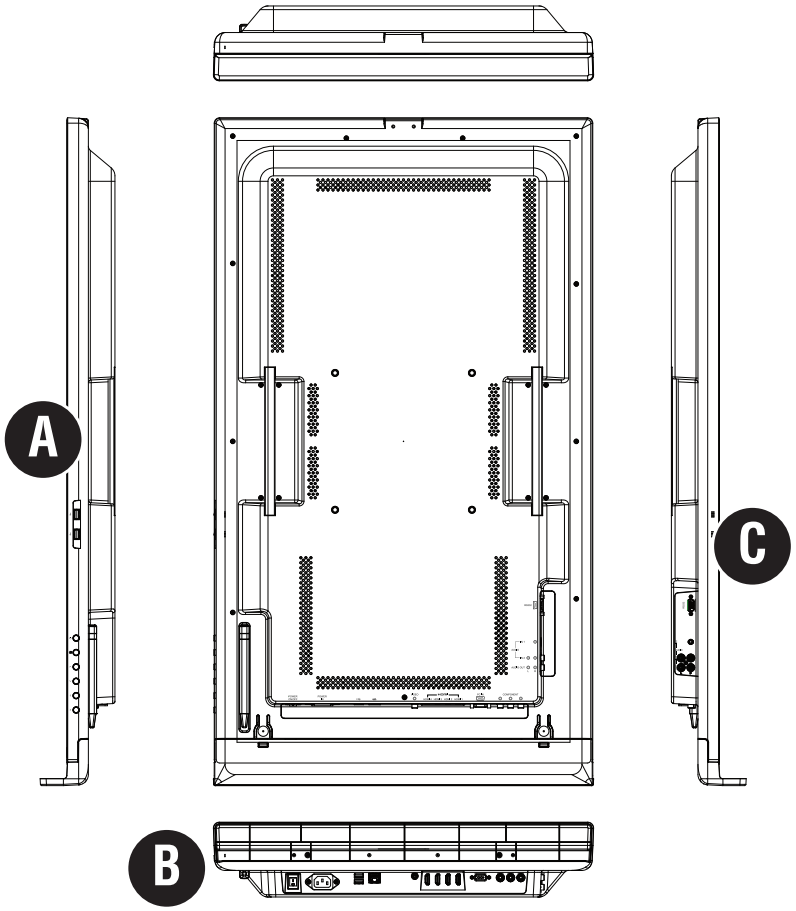
Orienting the monitor in Portrait or Landscape mode

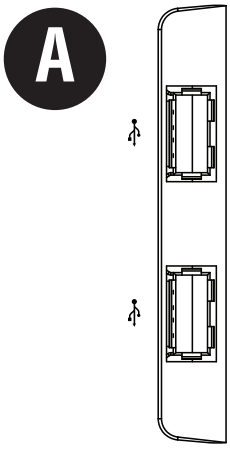
The monitor is automatically senses the position mode of the embedded computer. Simply follow the mounting guidelines above and orient the monitor in the desired horizontal or vertical position.



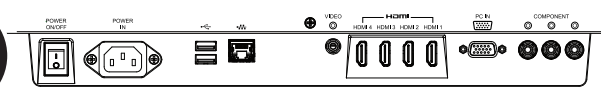
Connect to other devices

A range of digital and analog video inputs and audio source devices can be connected to the connection panels on the back and side of the monitor. Available jacks include: HDMI In (4), PC In (1), Composite Video (1), Component RCA (1), RS232 (1), Audio In 3.5mm (1), Audio In RCA (1-R/L), USB 2.0-A (4), USB B (1) and Audio Out RCA (1-R/L).



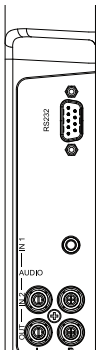
A 	USB-A	Connect a USB device to one of the USB Type A 2.0 connectors (e.g. USB thumb drive, camera, etc.). **Note**: These connectors do not have pass through capabilitiies. In other words, if an alternate source, such as a computer, is connected to the monitor, the computer cannot access the files contained on a USB thumb drive from these connectors.

B



POWER ON/OFF	Press to turn the monitor on and off.
POWER IN	Connect the power cord to this jack.
USB-A	Connect a USB device to one of the USB Type A 2.0 connectors (e.g. USB thumb drive).
RJ45	This connector is disabled on this model.
USB-B	Connect a USB A to USB B cable from a computer to the monitor in order to activate touch capabilities.
VIDEO	Connect a composite video cable from the monitor to an external device (such as a VCR or DVD player).
HDMI 1-4	Connect an HDMI cable from the monitor to an HDMI external device (such as a VCR or DVD player).
PC IN	Connect a VGA computer cable from the monitor to an external computer.
Component	Connect a component RCA video cable from the monitor to an external device (such as a DVD player, HDTV device, or Laser Disc player) (YPbpr) signals.

C



RS232	Connect to an RS232 control device for remote control applications.
AUDIO IN 1	Connect a 3.5mm audio cable to an external device (e.g., iPod player).
AUDIO IN 2	Connect a RCA L/R audio cable to an external device (e.g., DVD player).
AUDIO OUT	Connect an RCA L/R audio cable to external stereo speakers.

Connect AC power

1) Connect one end of the AC power cord to the POWER IN jack on the back of the monitor.

2) Connect the other end of the AC power cord to an AC outlet.

3) Press the power switch. (The LED on the front of the monitor turns on.)

NOTES:

- Your monitor should only be operated from the power source indicated on the label.
- Always unplug the AC power cord from the power outlet when you are not using your monitor for an extended period of time.

Turn the Monitor On/Off

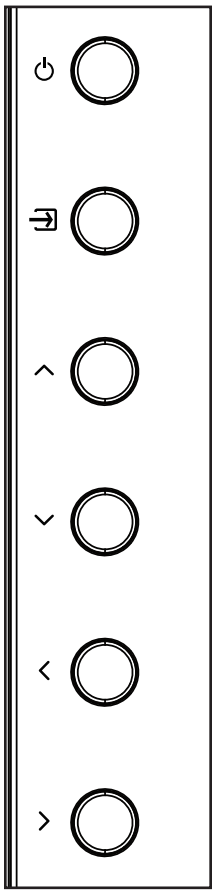
1) Verify that the power cord is connected to a power outlet. and that the power switch is **ON**.

2) Press the **Power** button on the side of monitor.

3) The software interface displays. Begin using.

Use the Keypad

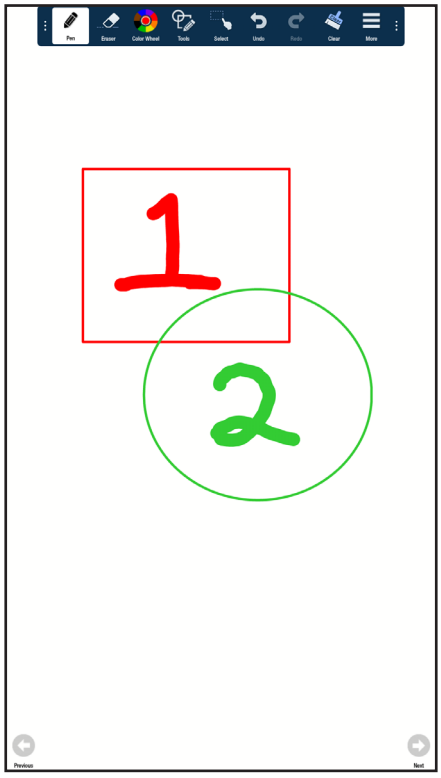
The keypad, located on the side of monitor, has the following buttons:

	**Power button:** Switches the power on or puts the monitor into Standby.
	OK/Source button: Toggles the Source menu on and off, allowing the user to switch sources. Saves changes and selections when the OSD menu is on. To access the OSD menu (or back out of an OSD submenu), press the Source button and Up button simultaneously.
	Up button: Moves the highlight bar up when the OSD or Source menu is on. To access the OSD menu (or back out of an OSD submenu), press the Source button and Up button simultaneously.
	Down button: Moves the highlight bar down when the OSD or Source menu is on.
	Left/Volume decrease button: Decreases the audio volume when the OSD menu is off. Decreases the value of the selected OSD item when the OSD menu is on.
	Right/Volume increase button: Incresases the audio volume when the OSD menu is on. Increases the value of the selected OSD item when the OSD menu is off.

Whiteboard

To access the Whiteboard feature immediately, pick up the stylus from the back of the monitor.

Create a drawing object



1) Tap a drawing object from the Tools submenu.

1) Select the color, size, and opacity desired.

2) Draw on the whiteboard canvas with your finger or the stylus. **TIP**: Keep other objects, including writing utensils, other fingers, and knuckles away from the drawing surface to draw your image cleanly.

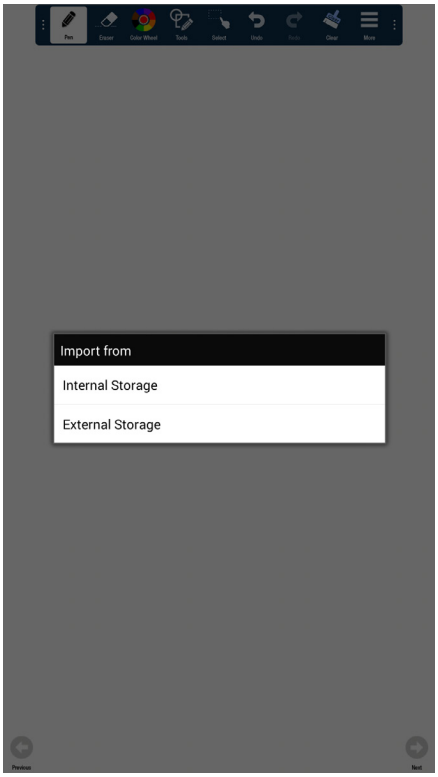
3) Use **Eraser**, Select, **Undo**, and **Redo** to modify the drawing. See "Whiteboard Tools" on page 23 for more information.

Import an image

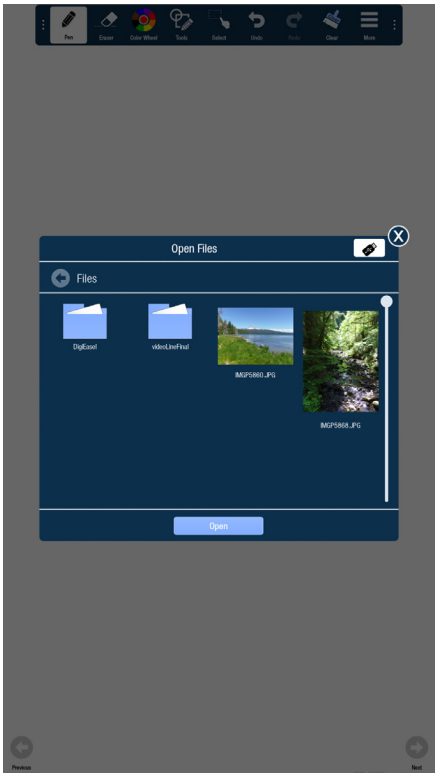
Supported image types include JPEG, PNG, and BMP.

1) Tap **More**.

2) Tap **Import.**

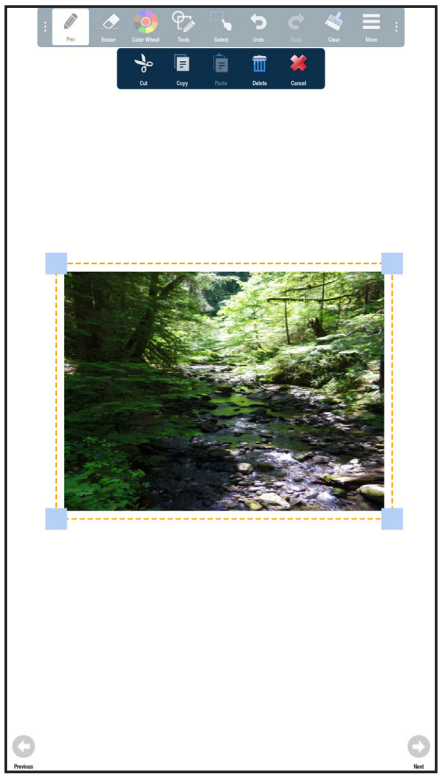


3) **Choose Internal** to import an image that has been saved to the monitor or **External Storage** to import an image that is located on an external device, such as a USB thumb drive**.**



4) **Navigate** to the associated folder and tap the desired image.

5) Tap **Done**.



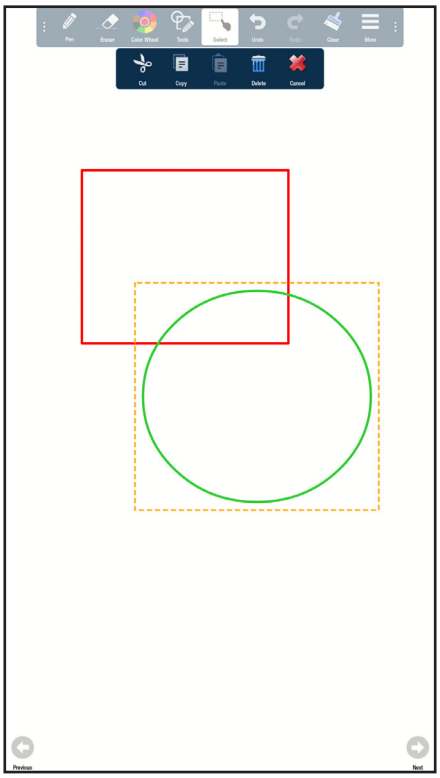
6) While the object is highlighted, drag it to the desired location and re-size it as needed using the sizing handles. In addition, you can cut, copy, paste, and delete it using the features in the Select submenu.

7) Tap **Cancel** when finished.

Modify whiteboard canvas objects

1) Tap **Select**.

2) Tap and drag your finger or the stylus across the objects you would like to select. The objects are outlined.



To copy the selected objects: tap **Copy** and tap **Paste**. While the objects are selected, drag them to the desired location.

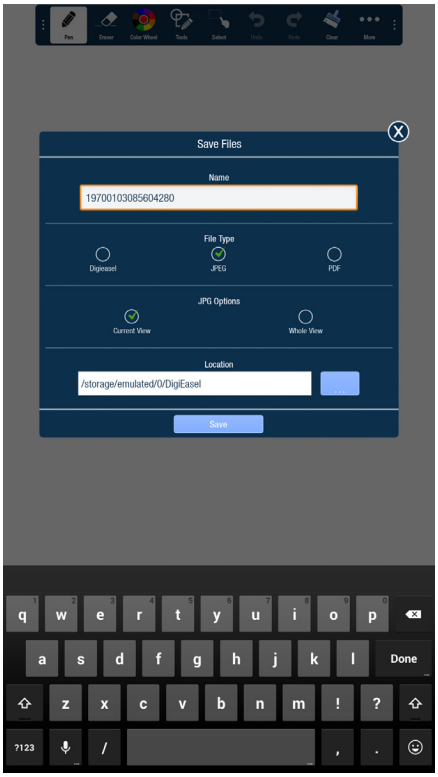
To cut the objects and place them on a different page of the whiteboard canvas: tap **Cut**. Then navigate to the desired page and tap **More** and **Paste**. While the objects are selected, drag them to the desired location.

To delete the objects: tap **Delete**. The objects are deleted immediately.

Save the whiteboard canvas

1) Tap **More**.

2) Tap **Save**.



3) Type a file name in the **Name** text box.

4) Select the file type:

File Type Option	Choose this file type if you want to...
DigiEasel	saves the whiteboard file for future editing.
JPG	creates an image file. **Note**: The image file cannot be saved on the monitor and cannot be re-opened by the monitor for later use. You will be prompted to save this file type on a USB thumb drive.
PDF	creates a printable document for others to view. **Note**: The PDF file cannot be saved on the monitor and cannot be re-opened by the monitor for later use. You will be prompted to save this file type on a USB thumb drive.

5) For JPG and PDF file types, tap **Current view** to save the visible portion of the canvas or tap **Whole view** to save the entire canvas. **Note: Whole view** creates multiple pages and requires extra time to complete.

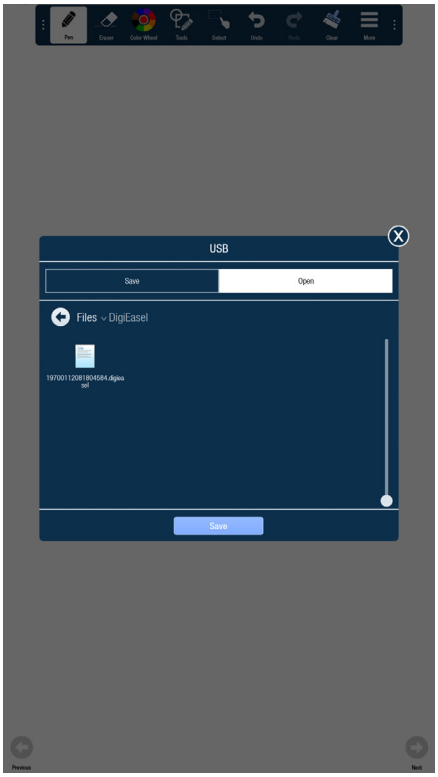
6) Enter the desired file location or accept the default location.

7) Tap **Save**.

Save the whiteboard canvas to a USB thumb drive

1) Tap **More**.

2) Tap **USB**.



3) Type a file name in the **Name** text box.

4) Select the file type:

File Type Option	Choose this file type if you want to...
DigiEasel	saves the whiteboard file for future editing.
JPG	creates an image file. **Note**: The image file cannot be saved on the monitor and cannot be re-opened by the monitor for later use.
PDF	creates a printable document for others to view. **Note**: The PDF file cannot be saved on the monitor and cannot be re-opened by the monitor for later use.

5) For JPG and PDF file types, tap **Current view** to save the visible portion of the canvas or tap **Whole view** to save the entire canvas. **Note: Whole view** creates multiple pages and requires extra time to complete.

6) Tap **Save**.

Open a new whiteboard canvas

1) Tap **More**.

2) Tap **New**.

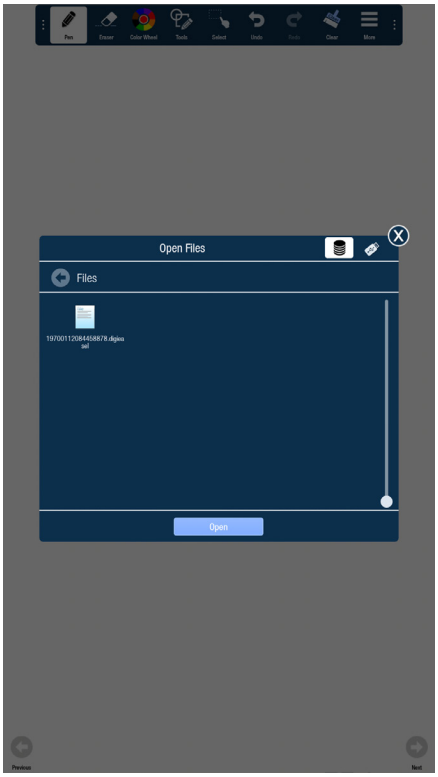
3) Then select **Save** to save the existing canvas or select **Don't save** to delete the existing canvas and open a new one. **Cancel** returns the user to the current canvas.

Open a whiteboard file

1) Tap **More**.

2) Tap **Open**.

3) If the whiteboard canvas contains objects, you will be prompted to save the existing canvas. Select **Save** to save the existing canvas or select **Don't save** to delete the existing canvas and open a new one. (**Cancel** returns the user to the current canvas.)



4) By default, the **Open Files** window displays whiteboard files saved internally on the monitor. To open a saved file from a USB thumb drive, tap the **USB** icon at the top of the Open Files window, and navigate to the desired USB thumb drive.

5) Navigate to the desired folder and tap the file you wish to open.

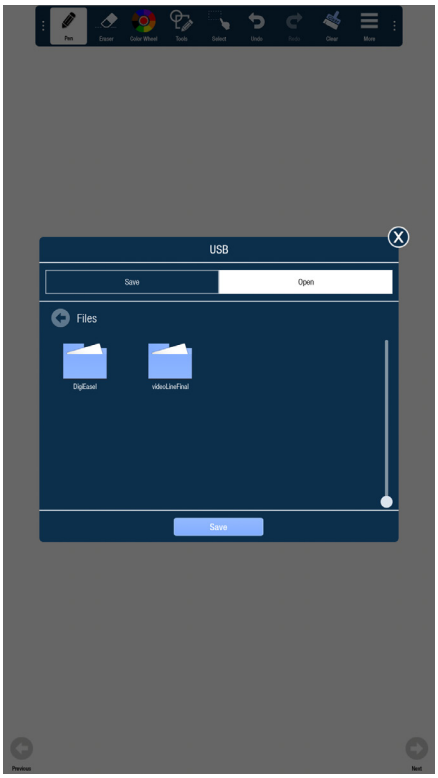
Open a whiteboard file from a USB thumb drive

1) Tap **More**.

2) Tap **USB**.

3) Tap **Open**.

4) If the whiteboard canvas contains objects, you will be prompted to save the existing canvas. Select **Save** to save the existing canvas or select **Don't save** to delete the existing canvas and open a new one. (**Cancel** returns the user to the current canvas.)



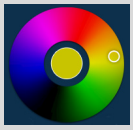
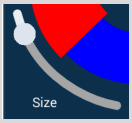
5) Navigate to the desired folder and tap the file you wish to open.

Navigation

1) Tap **Next** to add or go to the next page. **Note**: The whiteboard feature supports up to 3 pages total.

2) Tap **Previous** to add or go to the previous page. **Note**: The whiteboard feature supports up to 3 pages total.

Whiteboard Tools

Icon	Tool Name	Description
	Previous	Tap to go to the previous page.
	Current tool	Tap to use the current tool.
	Eraser	Tap **Eraser,** and then tap and drag across the drawing object to erase the portion you touched.
	Color Wheel submenu	Tap to access the color submenu.
	Color wheel	Tap to choose a color using a color ramp. The current selected color appears in the middle of the color wheel.
	Segmented color wheel	Tap to choose a color from the segmented color wheel. The current selected color appears in the middle of the color wheel.
	Size	Tap and drag the thumbnail button along the slider path to adjust the size of the pen/line width.
	Opacity	Tap and drag the thumbnail button along the slider path to adjust the size of the highlighter/shape opacity.
	Tools sub-menu	Tap to select a drawing object. **NOTE**: Each object has its own color, pen width, and pen transparency setting.
	Pen	Tap to use a pen. **NOTE**: Opacity control is not available for the pen object.
	Highlighter	Tap to use a highlighter.
	Rectangle	Tap to draw a rectangle.
	Circle	Tap to draw a circle.

	Line	Tap to draw a line.
	Laser	Tap to highlight something temporarily. The red laser mark disappears when a new mark is made. Laser marks cannot be saved.
	Select	Tap **Select**. Tap and drag the selection box around the drawing objects which you want to move, copy or delete. Tap and drag the selected objects to move them. Tap **Copy** to copy or **Delete** to delete the selected drawing objects. **Cancel** removes the selection. **TIP**: Copied objects are laid directly on top of existing drawing objects. Tap and drag the copied annotation mark to a new location.
	Cut	Tap to cut the selected object(s).
	Copy	Tap to copy the selected object(s).
	Paste	Tap to paste the last copied or cut object(s) onto the whiteboard canvas.
	Delete	Tap to delete the selected object(s).
	Cancel	Tap to remove the selection box.
	Undo	Tap to reverse the last executed command.
	Redo	Tap to reverse the last Undo command.
	Clear	Tap to clear the drawing objects from the whiteboard canvas.
	More sub-menu	Tap to access additional menu features.
	New	Tap to open a new whiteboard canvas.
	Open	Tap to open a saved file.
	Save	Tap to save the file as a JPG image or PDF file.
	Import	Tap to import an image onto the whiteboard canvas. To remove an imported image, tap the red **X** in the top right-hand corner of the image.

	Paste	Tap to paste the last copied or cut object(s) on the whiteboard canvas.
	Share	Tap to send an email with an attachment of the whiteboard canvas as either a JPG or PDF file.
	USB	Tap to save or open files from an external USB thumb drive.
	Setting	Tap to access the Setting menu.
	Next	Tap to go to the next page.

Signage Mode

This monitor can be used as a digital sign. Any HTML5 content that can be run in a browser can be securely imported and displayed on the monitor. Several HTML5 and JavaScript custom API/extensions are included with this monitor which allow for enhanced control and customization of the sign. To learn more, review the Sign Manager Software Guide at www.infocus.com.

Activate Signage mode

1) Tap **More**.
2) Tap **Setting**. **Switch to Signage** should be highlighted.
3) Tap **Switch**.
4) To display an existing signage item, tap **Activate** next to that item. (Only one sign can be activated at one time.)
5) To display the selected signage item at bootup, tap the **Start playing Signage at Boot Up** check box.
6) Tap **Start**.

Exit Signage mode

To exit signage mode, use one of the following two methods:

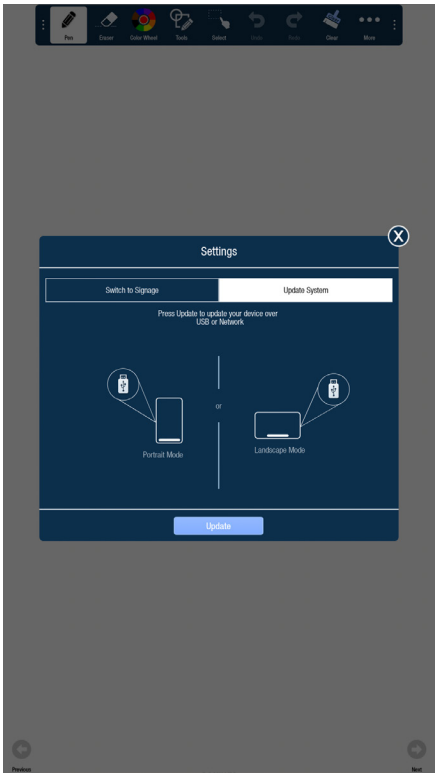
- Insert a USB thumb drive into an available USB A slot on the monitor and reboot the monitor.
- Press and hold two fingers on the upper left and two fingers on upper right of the screen for 5 - 7 seconds.

Update a Monitor

1) Tap **More**.

2) Tap **Setting**.

3) Tap **Update System.**



4) Tap **Update**. The Update dialog box displays.

5) Insert a USB thumb drive with the software update on it into an available USB slot or navigate to the network .

6) Follow the prompts to update the software, or tap **OK**, if the software is already up-to-date.

7) Tap the **X** in the upper-right corner to close the Settings window.

OSD (On-Screen Display) Menu System

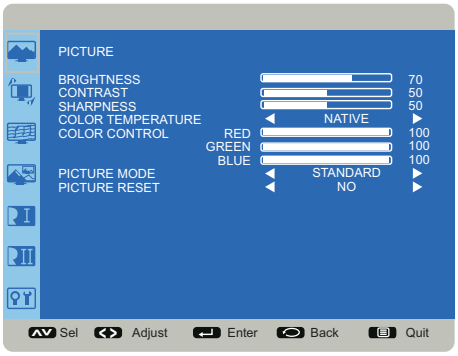
The OSD provides the user the ability to control the monitor display.

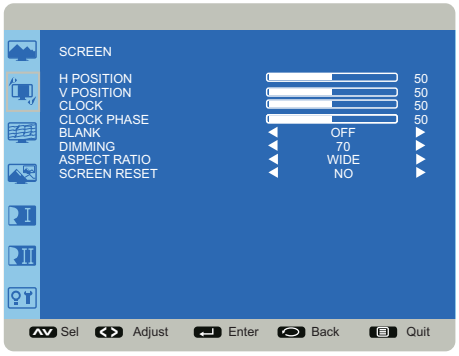
To access the OSD, press the **Source** and **Up** button simultaneously on the keypad located on the side of the monitor.

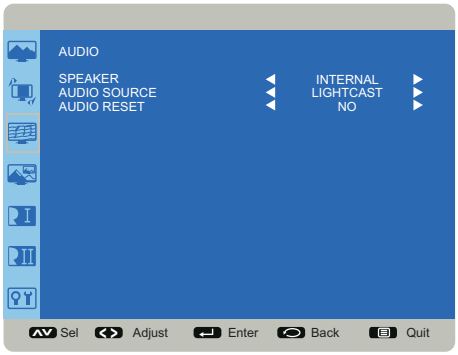
Use the up and down arrows on the keypad to scroll through the menus and press the **Source** button to enter the highlighted menu. Use the up and down arrows and the **Source** button to select the item you would like to adjust. Left and right arrow buttons are used to make the adjustments.

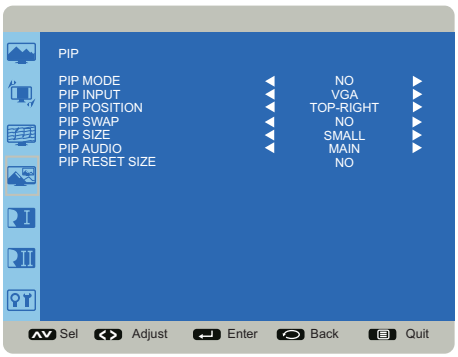
When your adjustment is complete, press the **Source** and **Up** buttons simultaneously to go to back out of the selected item. Press again to back out of the selected menu and again to exit the OSD menu.

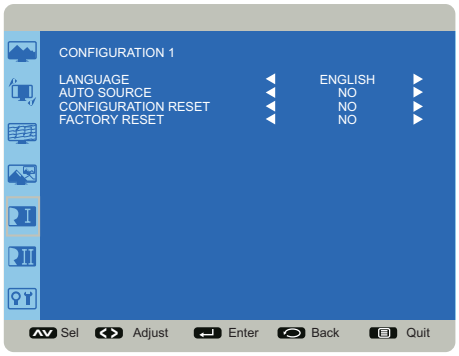
The following pages describe each of the OSD menus in detail.

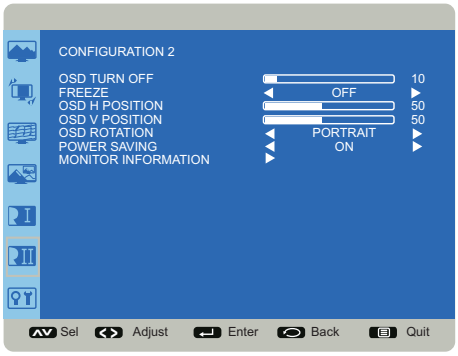


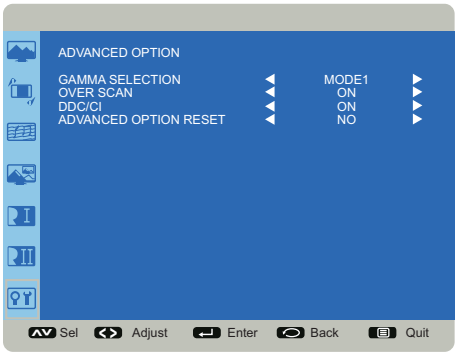




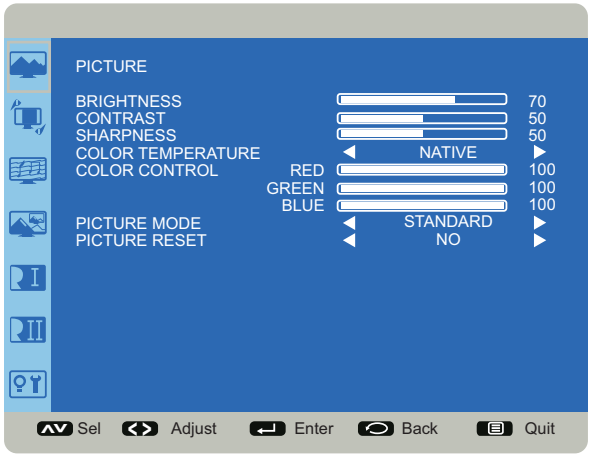








Picture menu



Brightness: changes the intensity of the image. Range: 0-100. (Default 70.)

Contrast: controls the degree of difference between the lightest and darkest parts of the picture and changes the amount of black and white in the image. Range: 0-100. (Default 50.)

Sharpness: changes the clarity of the edges of a video image. Range: 0-100. (Default 50.)

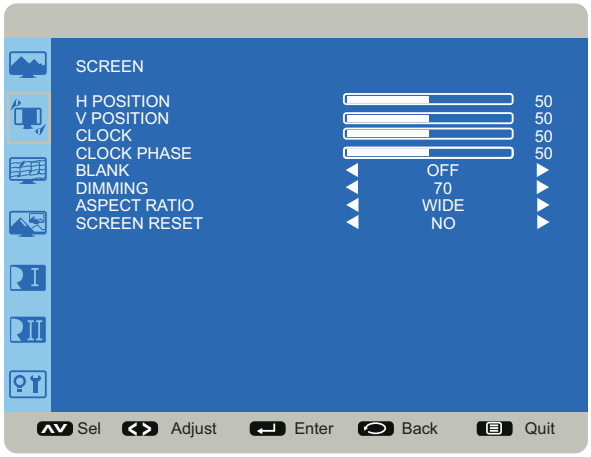
Color Temperature: changes the intensity of the colors. Options include: Native (default), User, 6500K, and 9300K.

Color Control: allows the user to finely adjust individual red, green and blue colors. Color Temperature must be set to User to access this feature. Range: 0-100 for each color.

Picture Mode: provides different preset picture modes to choose from. Options include: Standard (default), HighBright, and Soft.

Picture Reset: resets all Picture menu items to factory default settings. Options: Yes and No.

Screen menu



H Position: adjusts the horizontal position of the image. Range: 0-100. (Default 50.)

V Position: adjusts the vertical position of the image. Range: 0-100. (Default 50.)

Clock: adjusts the width of the image (For VGA input only). Range: 0-100. (Default 50.)

Clock Phase: adjusts the focus, clarity and stability of the image (For VGA input only). Range: 0-100.

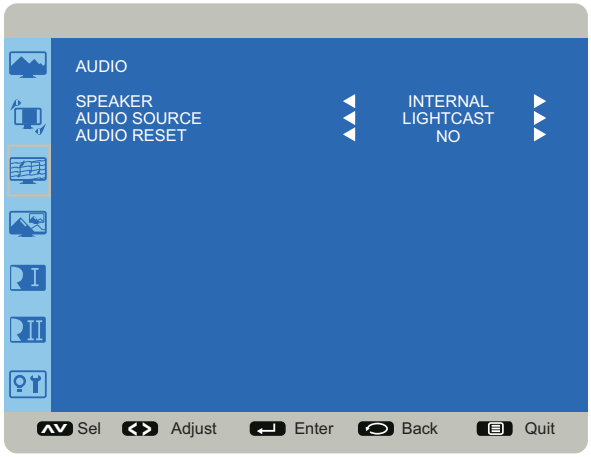
Blank: When enabled, a blank black screen displays. Options: On and Off. (Default Off.)

Dimming: Adjusts brightness level. Options: 10, 30, 70 or 100. (Default 70.)

Aspect Ratio: adjusts the ratio of the image width to image height. Options: 4:3 and Wide. (Default Wide.)

Screen Reset: resets all Screen menu items to factory default settings. Options: Yes and No.

Audio menu



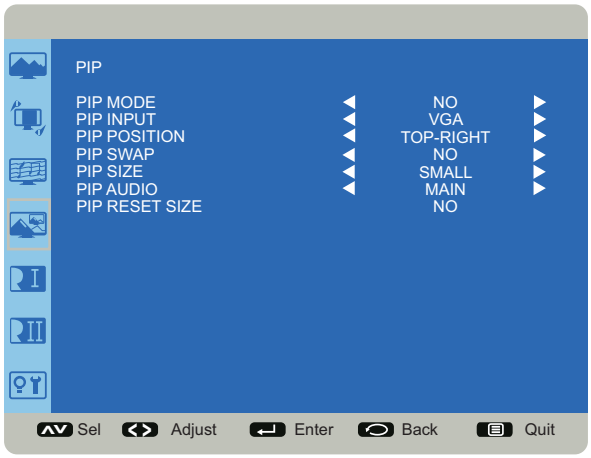
Speaker: controls whether both the internal and external speakers (sound bar, etc.) or just external speakers are used. Options include: Internal (both internal and external speakers operate) and External (only external speakers operate). Default Internal.

Audio Source: selects the audio input source. Options include: HDMI 1, HDMI 2, HDMI 3, HDMI 4, Lightcast, Audio 1, and Audio 2.

Audio Reset: resets all Audio menu items to factory default settings. Options: Yes and No.

PIP menu

Note: PiP mode can only be used when the monitor is in landscape mode.



PIP Mode: enables or disables Picture-in-Picture mode. Options include: Yes and No.

PIP Input: selects the source input for the PiP window. Options include: VGA, component, video, HDMI1, HDMI2, HDMI3, HDMI4, LightCast.

PIP Position: moves the PiP window position. Options include: Top-right, Top-left, Bottom-right, Bottom-left.

PIP Swap: switches the source in the main and the PiP windows. Options include: Yes and No.

PIP Size: changes the size of the PiP window used in the Corner-to-Corner configuration. Options include: Small (default), Middle and Large.

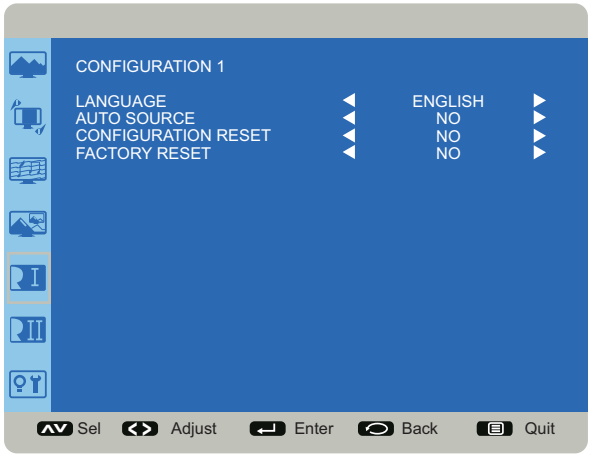
PIP Audio: switches the audio source from the main source to the PiP source. Options include: Main (default) and Sub.

PIP Reset: resets all PIP menu items to factory default settings. Options: Yes and No.

The PiP feature allows the user to display two distinct sources simultaneously on the monitor. These are the supported combinations and configurations:

Input	Video	Component (YPrPb)	VGA	HDMI1	HDMI2	HDMI3	HDMI4	Lightcast
Video		✓	✓	✓	✓	✓	✓	✓
Component (YPrPb)	✓			✓	✓	✓	✓	✓
VGA	✓			✓	✓	✓	✓	✓
HDMI1	✓	✓	✓			✓	✓	✓
HDMI2	✓	✓	✓			✓	✓	✓
HDMI3	✓	✓	✓	✓	✓			
HDMI4	✓	✓	✓	✓	✓			
Lightcast	✓	✓	✓	✓	✓			

Configuration 1 menu



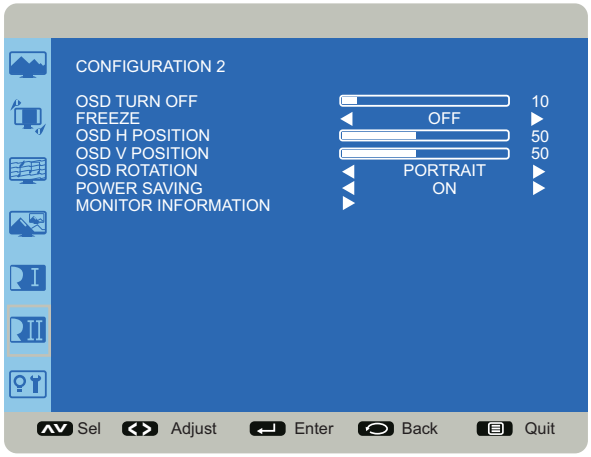
Language: switches the OSD menu language.

Auto Source: When enabled, automatically searches for an active source. If no source is detected, the monitor will revert to the previously active source. If Auto Source is disabled, the monitor will stay on the last selected source regardless of whether an active source is detected or not. Options: Yes and No (default).

Configuration Reset: resets all Configuration 1 and Configuration 2 menu items to factory default settings. Options: Yes and No.

Factory Reset: resets all menu items to factory default settings. Options: Yes and No.

Configuration 2 menu



OSD Turn Off: controls how many seconds the OSD menu remains on the screen Range: 5-120 (seconds). (Default: 10)

Freeze: When enabled, freezes the image which is currently displayed. Options: On and Off (default).

OSD H Position: adjusts the horizontal position of the OSD menu. Range: 0-100. (Default: 50)

OSD V Position: adjusts the vertical position of the OSD menu. Range: 0-100. (Default: 50)

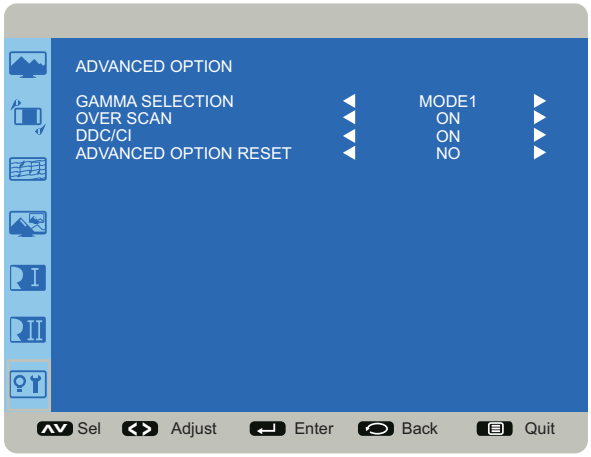
OSD Rotation: rotates the image to either a landscape or portrait mode. Options include: Portrait and Landscape.

Power Saving: When enabled, pressing the **Power** button for one second causes the monitor to go into standby mode (Touch, Android, and USB features are deactivated). Pressing the **Power** button again wakes the monitor up.

When disabled, pressing the **Power** button for one second blanks the screen and touch, Android, and USB features remain active. Pressing the **Power** button again or touching the screen wakes the monitor up. Options: On (default) and Off.

Monitor Information: This read-only submenu displays the model name, serial number, operation hours, and software version.

Advanced Option menu



Gamma Selection: adjusts the gamma value of the image and optimizes image brightness and contrast. Options include: Mode 1, Mode 2, Mode 3.

Over scan: removes noise around the edges of a video image. Options include: On and Off (default).

DDC/CI: enables and disables DDC/CI communication. Options include: On (default) and Off.

Advanced Option Reset: resets all Advanced Option menu items to factory default settings. Options: Yes and No.

Troubleshooting

SYMPTOM	POSSIBLE SOLUTIONS
No power	• Verify the power cord is properly connected to the power outlet and to the monitor. • Verify the power switch is ON and that the Power button on the keypad has been turned on (the front LED should be on). • Plug another electrical device to the power outlet to verify that the outlet is supplying the proper voltage.
The monitor shuts down suddenly	• Verify that a source is active. • The monitor may have overheated. Remove any objects blocking the vents.
No image	• If attempting to display an external source, see “No image from external source” below. • Verify that the monitor is turned on (the front LED should be green). • Press the power button.
No image from external source	• Verify that connections between the source and the monitor have been made correctly. • Verify that the cables are in good condition. • Verify the correct input source is selected and that the input signal is compatible with the monitor.
The colors on the monitor do not look right	• Adjust the color settings in the Picture menu. • Reset the picture settings. • Verify that connections between the source and the monitor have been made correctly. • Verify that the cables are in good condition.
No touchpad activity with external computer	• Verify that the USB B to USB type A cable is plugged from the laptop into the monitor correctly. • Verify that the laptop’s operating system is Windows® 7 or 8. (The monitor touchpad does not support any other operating systems.)
Touchpad functions are not functioning consistently	• Remove all objects placed on the lip of the monitor and/or within 2” of the touchpad screen. • Disable the PiP feature. • Power the monitor off and back on after a few seconds. Re-booting the monitor helps the touchpad to re-synchronize.
No sound	• If using external speakers, verify that the speakers are connected properly and that the speaker power switch is turned on. • If internal speakers are the only speakers being used, verify that the Audio menu Speaker setting is set to Internal. • If using an external source, such as component, verify that an audio cable is correctly installed between the device and the monitor. • If playing a video, verify the playback has not been paused and that the video’s audio has not been muted. • An HDMI® 1.3 (or higher) source and source device is required to hear audio via the HDMI cable.

LED Indicator

FRONT LED	SOLUTION
Off	• The monitor is powered off. Verify the power cord is properly connected to the power outlet and that the the power switch on the back of the unit is turned on. Then press the **Power** button on the keypad. If that doesn't work, plug another electrical device to the power outlet to verify that the outlet is supplying the proper voltage.
Red	• The monitor is in standby mode. Press the **Power** button on the keypad.
Green	• The monitor is powered on.

For additional support, please contact:

InFocus Corporation

Technical Support

6am-5pm PST

877-388-8385

www.infocus.com/support

Limited Warranty

InFocus Limited Warranty For InFocus Branded Hardware Products Only

LIMITED WARRANTY. InFocus's warranty obligations for the hardware products are limited to the terms set forth herein. InFocus warrants the InFocus-branded hardware products against defects in materials and workmanship under normal use for a period outlined in the Limited Warranty Periods section below from the date of retail purchase by the original end-user purchaser ("Warranty Period"). The Warranty Period starts on the date of purchase. Your dated sales or delivery receipt, showing the date of purchase of the product, is your proof of the purchase date. You may be required to provide proof of purchase and proof that the product was purchased new as a condition of receiving warranty service. If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, InFocus will either (1) repair the hardware defect at no charge, using new parts or refurbished parts that are equivalent to new in performance and reliability, (2) exchange the product with a product that is new or refurbished that is equivalent to new in performance and reliability and is at least functionally equivalent to the original product, or (3) refund the purchase price of the product. InFocus may request that you replace defective parts with customer-installable new or refurbished parts that InFocus provides in fulfillment of its warranty obligation ("Customer Self Repair"). A replacement product or part, including a Customer Self Repair part that has been installed in accordance with instructions provided by InFocus, assumes the remaining warranty of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes InFocus's property. Parts provided by InFocus in fulfillment of its warranty obligation must be used in products for which warranty service is claimed. When a refund is given, the product for which the refund is provided must be returned to InFocus and becomes InFocus's property. This is your exclusive remedy for defective products.

Limited Warranty Periods vary depending on your product model and the country of purchase. To review the warranty period associated with your product model, please refer to the product specifications information on www.infocus.com. By inputting your product model in the Quick Search box on the website, you will find warranty terms in the Specifications matrix.

EXCLUSIONS AND LIMITATIONS. This Limited Warranty applies only to the hardware products manufactured by or for InFocus, and sold by InFocus, its worldwide subsidiaries, authorized resellers or country distributors, that can be identified by the "InFocus" trademark, trade name, or logo affixed to it, and to required firmware. The Limited Warranty does not apply to any non-InFocus hardware products or peripherals external to the InFocus-branded hardware products (including but not limited to external storage subsystems, displays, printers, speakers or other peripherals), or to any software applications or programs, even if packaged or sold with the InFocus hardware. Manufacturers, suppliers, or publishers of products, software or peripherals, other than InFocus, may provide their own warranties to the end user purchaser, but InFocus, in so far as permitted by law, provides their products "AS IS" without the InFocus Limited Warranty. Software distributed by InFocus with or without the InFocus brand name (including, but not limited to system software) is not covered under this Limited Warranty. Refer to the licensing agreement accompanying the software for details of your rights with respect to its use.

InFocus does not warrant that the operation of the products will be uninterrupted or error-free. InFocus is not responsible for damage arising from failure to follow instructions relating to the products' use.

INFOCUS IS NOT RESPONSIBLE FOR DAMAGE TO OR LOSS OF ANY PROGRAMS, DATA, OR REMOVABLE STORAGE MEDIA. INFOCUS IS NOT RESPONSIBLE FOR THE RESTORATION OR REINSTALLATION OF ANY PROGRAMS OR DATA OTHER THAN SOFTWARE INSTALLED BY INFOCUS WHEN THE PRODUCT IS MANUFACTURED.

To enable InFocus to provide the best possible support and service during the Limited Warranty Period, you will be required to:

- Maintain a proper and adequate environment, and use the InFocus hardware products in accordance with the instructions furnished.
- Verify configurations, load most recent firmware, install software patches, run InFocus diagnostics and utilities, and implement temporary procedures or workarounds provided by InFocus while InFocus works on permanent solutions.
- Allow InFocus to keep resident on your systems or sites certain system and network diagnosis and maintenance tools to facilitate the performance of warranty support (collectively referred to as "Proprietary Service Tools"); Proprietary Service Tools are and

remain the sole and exclusive property of InFocus.

Additional Limitations:

- Products external to the system processor (CPU) box, such as external storage subsystems, printers and other peripherals, are covered by the applicable warranty for those products or options.
- An effective repair does not necessarily require the replacement of a defective part. For example, cleaning the heads of a floppy drive or updating revision levels of ROM BIOS on a PCA board are activities that in many instances deliver an effective repair.
- BIOS/Firmware upgrades are not covered under the Limited Warranty. Firmware that is an integral part of the option hardware board is not automatically upgraded when new versions of firmware are released.
- It is the responsibility of the customer to ensure that their software is compatible with the latest BIOS/firmware revision.

This Limited Warranty does not apply: (a) to consumable or expendable parts, such as batteries, or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship; (b) to cartons, carrying cases, shipping cases, external cabinets, accessories used in connection with the product; (c) to cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (d) to damage caused by use with non-InFocus products; (e) to damage caused by accident, abuse, misuse, improper ventilation, smoke exposure, contamination, improper or inadequate maintenance, cleaning or calibration, liquid contact, unusual physical or electrical stress and/or power surges, virus infection, fire, earthquake, disaster, lightning or other external causes; (f) to damage caused by operating the product outside the permitted or intended uses or usage parameters described by InFocus (including burned monitor screens and incorrect input voltage); (g) to damage caused by service (including upgrades and expansions) performed by anyone other than a representative of InFocus or an InFocus Authorized Service Provider (“ASP”) or your own installation of customer-installable parts as instructed by InFocus; (h) to a product or part that has been modified to alter functionality or capability without the written permission of InFocus (including use of an unauthorized mount); (i) to defects caused by normal wear and tear or otherwise due to the normal aging of the product; (j) to failure to follow maintenance procedures as outlined in the product user documentation including where a schedule is specified for regular cleaning of certain parts (based on usage and environment); (k) to loss or damage in transit; or (l) if the product is not used under normal operating conditions which are defined as use not in excess of 16 hours continuously per day with a minimum 8 hour period of continuous rest in the powered off state; or (m) if any InFocus serial number has been removed or defaced. In addition, LCD burn-in as a result of excessive display of static images on the product is not covered under the terms of this Limited Warranty.

Important: Do not open the hardware products unless otherwise directed by InFocus for the purposes of a Customer Self Repair (CSR). Opening the hardware products may cause damage that is not covered by this Limited Warranty. Only InFocus or an ASP should perform service on the hardware products.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND THE REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, INFOCUS SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF INFOCUS CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTY AND TO THE REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY INFOCUS IN ITS SOLE DISCRETION. No InFocus reseller, agent, or employee is authorized to make any modification, extension, or addition to this warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, INFOCUS IS NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS (INCLUDING LOSS OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION; LOSS OF, DAMAGE TO, COMPROMISE OR CORRUPTION OF DATA; OR ANY INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE HOWSOEVER CAUSED INCLUDING THE REPLACEMENT OF EQUIPMENT AND PROPERTY, ANY COSTS OF RECOVERING, PROGRAMMING OR REPRODUCING ANY PROGRAM OR DATA STORED IN

OR USED WITH THE INFOCUS PRODUCT AND ANY FAILURE TO MAINTAIN THE CONFIDENTIALITY OF DATA STORED ON THE PRODUCT. THE FOREGOING LIMITATION SHALL NOT APPLY TO DEATH OR PERSONAL INJURY CLAIMS, OR ANY STATUTORY LIABILITY FOR INTENTIONAL AND GROSS NEGLIGENT ACTS AND/OR OMISSIONS. INFOCUS DISCLAIMS ANY REPRESENTATION THAT IT WILL BE ABLE TO REPAIR ANY PRODUCT UNDER THIS WARRANTY OR MAKE A PRODUCT EXCHANGE WITHOUT RISK TO OR LOSS OF PROGRAMS OR DATA.

Limitation on Bringing Action: No action, regardless of form, arising out of the agreement to purchase the Product may be brought by purchaser more than one year after the cause of action has accrued. Governing Law: Any action, regardless of form, arising out of the agreement to purchase the Product is governed by the laws of the State of Oregon, U.S.A. Mandatory Arbitration – Any action, regardless of form, arising out of the agreement to purchase the Product is subject to mandatory arbitration.

ADDITIONAL RIGHTS. FOR CUSTOMERS, WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES PROVIDED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. THIS WARRANTY DOES NOT EXCLUDE, LIMIT OR SUSPEND ANY RIGHTS OF CONSUMERS ARISING OUT OF NONCONFORMITY WITH A SALES CONTRACT. SOME COUNTRIES, STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION MAY LAST, SO THE LIMITATIONS OR EXCLUSIONS DESCRIBED BELOW MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY BY COUNTRY, STATE OR PROVINCE. INFOCUS, THE WARRANTOR UNDER THIS LIMITED WARRANTY, IS IDENTIFIED AT THE END OF THIS DOCUMENT.

EXTENDED WARRANTIES. InFocus extended product warranties are available for an additional charge. For further information on InFocus extended product warranties, please contact InFocus or your product reseller.

OBTAINING WARRANTY SERVICE. Please access and review the online help resources located at www.infocus.com/support before seeking warranty service. If the product is still not functioning properly after making use of these resources, please contact InFocus Technical Support or, if applicable, an ASP using the information provided below. When contacting InFocus via telephone, other charges may apply depending on your location. When calling, InFocus Technical Support or an ASP will help determine whether your product requires service and, if it does, will inform you how InFocus will provide it. You must assist in diagnosing issues with your product and follow InFocus's warranty processes. InFocus may restrict service to the country where InFocus or its Authorized Distributors originally sold the hardware product. InFocus will provide warranty service either (i) at an ASP location, where service is performed at the location, or the ASP may send the product to an InFocus repair service location for service, (ii) by sending you prepaid way bills (and if you no longer have the original packaging, InFocus may send you packaging material at your cost) to enable you to ship the product to an InFocus repair service location, or (iii) by sending you customer-installable new or refurbished replacement parts to enable you to conduct Customer Self Repair, or (iv) by exchanging the product for a new or refurbished replacement.

Customer Self Repair

InFocus products are designed with many Customer Self Repair (CSR) parts to minimize repair time and allow for greater flexibility in performing defective parts replacement. If during the diagnosis period, InFocus identifies that the repair can be accomplished by the use of a CSR part, InFocus will ship that part directly to you for replacement. There are two categories of CSR parts:

- Parts for which customer self repair is mandatory. If you request InFocus to replace these parts, you will be charged for the travel and labor costs of this service.
- Parts for which customer self repair is optional. These parts are also designed for customer self repair. If, however, you require that InFocus replace them for you, this may be done at no additional charge under the type of warranty service designated for your product.

Based on availability and where geography permits, InFocus will attempt to ship CSR parts out the next business day. Customer receipt will vary based upon the actual part, customer location and shipping method. Next Day service may be offered at an additional charge where geography permits. If assistance is required, you can call the InFocus Technical Support Center and a technician will help you over the phone. InFocus specifies in the materials shipped with a replacement CSR part whether a defective part must be returned to InFocus. In cases where it is required to return the defective part to InFocus, you must ship the defective part back to InFocus within a defined period of time, normally five (5) business days, and clearly display the Return Material Authorization

(RMA#) on the outside of the shipping carton or a similar package affording an equal degree of protection. The defective part must be returned with the associated documentation in the provided shipping material. Failure to return the defective part may result in InFocus charging you for the replacement. With a Customer Self Repair, InFocus will pay all shipping and part return costs and determine the courier/carrier to be used.

Upon receipt of the replacement product or part, the original product or part becomes the property of InFocus and you agree to follow instructions, including arranging the return of original product or part to InFocus in a timely manner. When providing a product exchange or Customer Self Repair (CSR) part requiring the return of the original product or part, InFocus may require a credit card authorization as security for the retail price of the replacement product or part and applicable shipping costs. When returning product to InFocus, a Return Material Authorization Number (RMA #) is required and must be clearly displayed on the outside of the shipping carton or a similar package affording an equal degree of protection. Service options, parts availability and response times may vary according to the country in which service is requested. Service options are subject to change at any time. You may be responsible for shipping and handling charges if the product cannot be serviced in the country in which service is requested. If you seek service in a country that is not the country of original purchase, you will comply with all applicable import and export laws and regulations and be responsible for all custom duties, V.A.T. and other associated taxes and charges. Where international service is available, InFocus may repair or exchange defective products and parts with comparable products and parts that comply with local standards. In accordance with applicable law, InFocus may require that you furnish proof of purchase details and/or comply with registration requirements before receiving warranty service. Resources with more details on this and other matters on obtaining warranty service are described below.

PRIVACY. InFocus will maintain and use customer information in accordance with the InFocus Privacy Policy available at www.Infocus.com/privacy and InFocus's applicable legal obligations.

BACKUP. If your product is capable of storing software programs, data and other information, you should protect its contents against possible operational failures. Before you deliver your product for warranty service it is your responsibility to keep a separate backup copy of the contents, remove all personal information and data that you want to protect and disable any security passwords. THE CONTENTS OF YOUR PRODUCT WILL BE DELETED AND THE STORAGE MEDIA REFORMATTED IN THE COURSE OF WARRANTY SERVICE. Your product or a replacement product will be returned to you as your product was configured when originally purchased, subject to applicable updates. InFocus may install system software updates as part of warranty service that will prevent the hardware from reverting to an earlier version of the system software. Third party applications installed on the hardware may not be compatible or work with the hardware as a result of the system software update. You will be responsible for reinstalling all other software programs, data and passwords. Recovery and reinstallation of software programs and user data are not covered under this Limited Warranty.

RESOURCES. Support and service information including Authorized Distributor and Authorized Service Provider locations is available at: www.infocus.com/support.

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