

# HO101HTB (HSG1388) LCD Monitor

User's Manual OSD[V6.1]

Before operating the monitor, please read this manual thoroughly. This manual should be retained for future reference.



This device complies with requirement of EMC directive 2014/30/EU with regard to Electromagnetic Compatibility, and 2014/35/EU and 93/68/EEC with regard to Low Voltage directive.

#### **Trademark Notice:**



Hannspree products incorporate High-Definition Multimedia Interface (HDMI  $^{\rm TM}$ ) technology.

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

#### RECYCLING INFORMATION

We, the **HANNspree** care very much about our environment protection strategy and firmly believe that it helps us have healthier earth via appropriate treatment and recycling of industrial technology devices at the end-of-life.

These devices contain recyclable materials, which can be re-decomposed and re-integrated into brand-new marvels. On the contrary, other material can be classified to hazardous and poisoned substances. We strongly encourage you to contact the provided information to recycle this product.

For more information, please visit http://www.hannspree.eu/

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## **SAFETY NOTICE**

- 1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- 2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
- 3. 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.
- 4. Only use attachments/accesories specified by the manufacturer.

#### **WARNING:**

To prevent fire or shock hazard, do not expose the monitor to rain or moisture. Dangerously high voltages are present inside the monitor. Do not open the cabinet. Refer servicing to qualified personnel only.

#### **PRECAUTIONS**

- Do not use the monitor near water, e.g. near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool or in a wet basement.
- Do not place the monitor on an unstable cart, stand, or table. If the monitor falls, it can injure a person and cause serious damage to the appliance. Use only a cart or stand recommended by the manufacturer or sold with the monitor. If you mount the monitor on a wall or shelf, use a mounting kit approved by the manufacturer and follow the kit instructions.
- Slots and openings in the back and bottom of the cabinet are provided for ventilation. To ensure reliable operation of the monitor and to protect it from overheating, be sure these openings are not blocked or covered. Do not place the monitor on a bed, sofa, rug, or similar surface. Do not place the monitor near or over a radiator or heat register. Do not place the monitor in a bookcase or cabinet unless proper ventilation is provided.
- 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 lighting storm or when it will not be used for long period of time. This will protect the monitor from damage due to power surges.
- Do not overload power strips and extension cords. Overloading can result in fire or electric shock.
- Never push any object into the slot on the monitor cabinet. It could short circuit parts causing a fire or electric shock. Never spill liquids on the monitor.
- Do not attempt to service the monitor by yourself; opening or removing covers can expose you to dangerous voltages and other hazards. Please refer all servicing to qualified service personnel.
- The wall socket shall be installed near the equipment and shall be easily accessible.

#### SPECIAL NOTES ON LCD MONITORS

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

- Due to the nature of the fluorescent light, the screen may flicker during initial use. Turn off the Power Switch and then turn it on again to make sure the flicker disappears.
- You may find slightly uneven brightness on the screen depending on the desktop pattern you use.
- The LCD screen has effective pixels of 99.99% or more. It may include blemishes of 0.01% or less such as a missing pixel or a pixel lit all of the time.
- Due to the nature of the LCD screen, an afterimage of the previous screen may remain after switching the image, when the same image is displayed for hours. In this case, the screen is recovered slowly by changing the image or turning off the Power Switch for hours.
- If the screen suddenly flashes erratically or the backlighting fails, please contact your dealer or service center for repair. Do not attempt to repair the monitor yourself.

## BEFORE YOU OPERATE THE MONITOR

#### **FEATURES**

- 25,6cm / 10.1" Wide Screen TFT Color LCD Monitor
- Crisp, Clear Display for Windows
- Ergonomic Design
- Space Saving, Compact Case Design

#### CHECKING THE CONTENTS OF THE PACKAGE

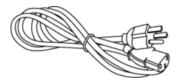
The product package should include the following items:

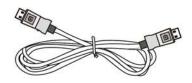
#### **LCD Monitor**



#### Cables and User manual







Adapter

Power Cord

**HDMI** Cable



**USB** Cable

#### **POWER**

#### **POWER SOURCE:**

- 1. Make sure that the power cord is the correct type required in your area.
- 2. This LCD monitor has an external universal power supply that allows operation in either 100/120V AC or 220/240V AC voltage area (No user adjustment is required.)
- 3. Plug one end of the 12V DC adapter to the LCD monitor's DC 12V input socket, plug one end of the AC power cord to the 12V DC adapter AC input socket, and the other end of the AC power cord to Wall outlet.

<sup>\*</sup>Installing the LCD Monitor requires special skill that should only be performed by qualified service personnel. Customers should not attempt to do the work themselves. HANNspree bears no responsibility for improper mounting or mounting that results in accident or injury. You can ask a qualified service personnel about using an optional bracket to mount the Monitor to the wall.

#### MAKING CONNECTIONS

#### **CONNECTING TO A PC**

Turn off your computer before performing the procedure below.

- 1. Connect one end of the VGA cable to the back of the monitor and connect the other end to the computer's VGA port.
- 2. Connect one end of the HDMI cable to the back of the monitor and connect the other end to the computer's HDMI port.
- 3. Plug one end of the 12V DC adapter to the LCD monitor's DC 12V input socket, plug one end of the AC power cord to the 12V DC adapter AC input socket, and the other end of the AC power cord to Wall outlet.
- 4. Connect one end of the USB cable to the back of the monitor and connect the other end to the computer's USB port.
- 5. Turn on your monitor and computer.

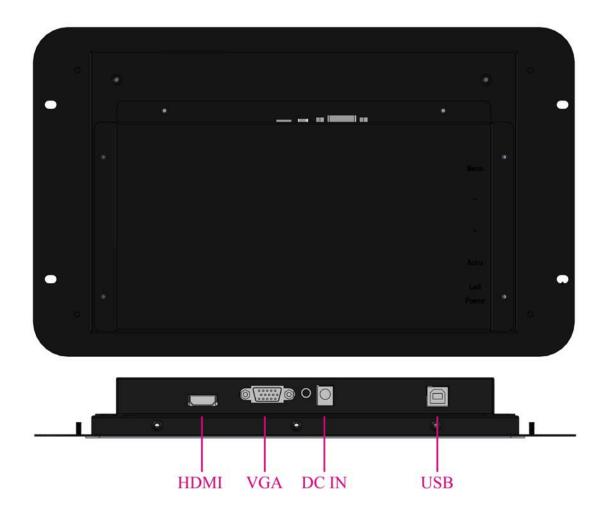


Figure.1. Connecting to a PC

## **OPERATING INSTRUCTIONS**

#### **GENERAL INSTRUCTIONS**

Press the power button to turn the monitor on or off. The other control buttons are located on the front panel of the monitor (See Figure 2). By changing these settings, the picture can be adjusted to your personal preferences.

- The power cord should be connected.
- Connect the Signal cable from the monitor to the VGA card.
- Press the power button to turn on the monitor. The power indicator will light up.

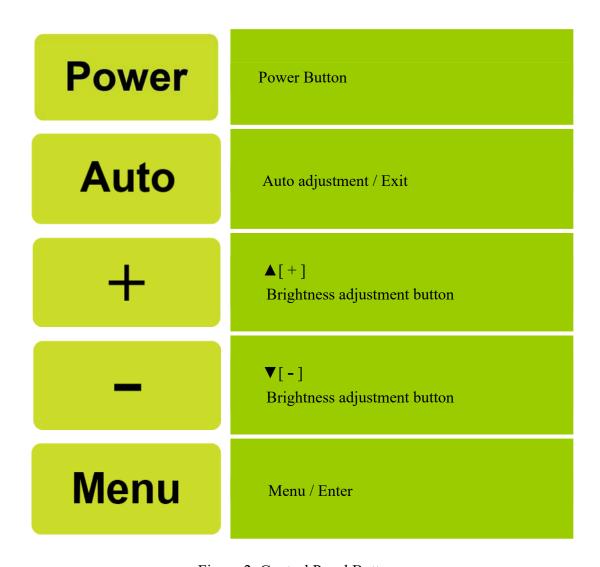


Figure.2. Control Panel Buttons

#### FRONT PANEL CONTROL

#### • Power Button:

Press this button to switch ON/OFF of monitor's power.

#### • Power Indicator:

Green — Power On mode. Red — Power Saving mode.

#### • MENU / Enter:

Turn the OSD menu on/off or enter to the menu.

#### • Adjust ▲ ▼:

Navigate through adjustment icons when OSD is ON or adjust a function when function is activated.

#### • AUTO Button:

Press AUTO to enter Source selections. (Selections include VGA, HDMI, DP, The actual selections may very depending on the models. This function is only available in models with digital inputs)

#### **NOTES:**

- Do not install the monitor in a location near heat sources such as radiators or air dusts, or in a place subject to direct sunlight, or excessive dust or mechanical vibration or shock.
- Save the original shipping box and packing materials, as they will come in handy if you ever have to ship your monitor.
- For maximum protection, repackage your monitor as it was originally packed at the factory.
- To keep the monitor looking new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner, benzene, or abrasive cleaners, since these will damage the cabinet. As a safety precaution, always unplug the monitor before cleaning it.

## HOW TO ADJUST A SETTINGS

LUMINANCE		
BRIGHTNESS	Adjust the brightness value of the display according to your preference. Select BRIGHTNESS option to adjust the brightness value.	
CONTRAST	Adjust the contrast value of the display according to your preference. Select CONTRAST option to adjust the contrast value.	
ACTIVE CONTRAST	Optimal setting for high contrast images or videos. The dark and light areas of the image are automatically detected, and the contrast is enhanced to provide a clearer, sharper image. Also, you may select the ACTIVE CONTRAST option.	
ECO MODE	Select the preset mode according to your preference: Standard, Game, Movie, Photo, Vivid, ECO [The availability of this function depends upon the selected model]	
IMAGE SETUP		
H-POSITION	Select H-POSITION option to adjust the horizontal position of the OSD. Enter the option and adjust the level.	
V-POSITION	Select V-POSITION option to adjust the vertical position of the OSD. Enter the option and adjust the level.	
CLOCK	Select the CLOCK option to reduce the vertical flicker of characters on the screen. Enter the option and adjust the level.  [For VGA only]	
PHASE	Select the PHASE option to reduce the horizontal flicker of characters on the screen. Enter the option and adjust the level. [For VGA only]	
ASPECT RATIO	When the aspect ratio of screen is distorted, you may make adjustments by using this function. FULL indicates full screen display, which does not ensure the image is shown as is or in initial scale. FIT indicates scaling by the proportion of original images, which may cause the screen showing black bands. [The availability of this function depends upon the selected model]	

COLOR SETUP	
WARM NATURE (6500K) COOL	Adjust the color temperature value of the display according to your preference: WARM /NATURE/ COOL.
USER	Move the cursor to the User option and select it,  1. To adjust the red, enter the R option and adjust the level.  2. To adjust the green, enter the G option and adjust the level.  3. To adjust the blue, enter the B option and adjust the level.
OSD SETUP	
LANGUA GE	Select LANGUAGE option to change the language of the OSD. Enter the option and select a language. [Reference only, the OSD Language depends on the selected model]
H-POSITION	Select H-POSITION option to adjust the horizontal position of the OSD. Enter the option and adjust the level.
V-POSITION	Select V-POSITION option to adjust the vertical position of the OSD. Enter the option and adjust the level.
TIME-OUT	Select OSD TIME-OUT option to set the OSD time out from 10 to 100 seconds. Enter the option and adjust the level.
TRANSPARENCY	Select TRANSPARENCY option to adjust the transparency of the OSD. Enter the option and adjust the level.
RESET	
SOURCE	Select the SOURCE option to change between analog (VGA) or Digital (HDMI) source. Enter the option and select Analog or Digital.
RESET	Select the RESET option to reset to the monitor's default setting. This will erase the current settings. Enter the option and select On or Off.
AUTO CONFIG	From the Signal Selection menu, select the AUTO CONFIG option to activate or deactivate the automatic signal search function.
COLOR CONFIG	To choose the color combination of the OSD window, select COLOR CONFIG option under OSD SETTING menu, choose modes.

#### 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 bidirectional data channel based on the I<sup>2</sup>C protocol. The host can request EDID information over the DDC2B channel.

THIS MONITOR WILL APPEAR TO BE NON-FUNCTIONAL IF THERE IS NO VIDEO INPUT SIGNAL. IN ORDER FOR THIS MONITOR TO OPERATE PROPERLY, THERE MUST BE A VIDEO INPUT SIGNAL.

## TECHNICAL SUPPORT (FAQ)

## **Q & A FOR GENERAL PROBLEMS**

PROBLEM & QUESTION	POSSIBLE SOLUTION
Power LED is not on	*Check if the Power Switch is in the ON position.  *Power Cord should be connected.
No Plug & Play	*Check if the PC system is Plug & Play compatible.  *Check if the Video Card is Plug & Play compatible.  *Check if any plug pins on the HDMI, VGA, DP connector are bent.
The display is too dark or too bright.	*Adjust the Contrast and Brightness Controls.
Picture bounces or a wave pattern is present in the picture	*Move electrical devices that may cause electrical interference.
The power LED is ON (Green) but there's no video or no picture.	*Computer Power Switch should be in the ON position.  *Computer Video Card should be snugly seated in its slot.  *Make sure monitor's video cable is properly connected to the computer.  *Inspect monitor's video cable and make sure none of the pins are bent.  *Make sure 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 none of the pins are bent.
Screen image is not centered or sized properly.	* Adjust pixel frequency CLOCK and PHASE or press hot-key (AUTO Button).
Picture has color defects (White does not look white)	*Adjust RGB color or select color temperature.
The screen resolution needs to be adjusted	*Use win 2000/ME/XP Right click anywhere on desktop and select <b>Properties&gt;Settings&gt;Screen Resolution</b> . Use the silder to adjust the reslution and click <b>Apply</b> .
No sound is outputted from monitor's built-in speaker	*Make sure PC audio output cable is connected to screen's LINE IN port (or AUDIO IN port).  *Make sure the sound volume adjustment can be clearly identified.  *Make sure the <b>System</b> > <b>Silence</b> option in the monitor menu is on.  *While transferring via HDMI port but no sound is outputted, it is recommended to select AUDIO

INPUT as a PC option, and make sure PC audio output cable is connected to monitor's LINE IN port(or AUDIO IN port). [For HDMI Input only]

#### Addendum related to Windows 7 / Windows 8/ Windows 10

When you encounter display problem under Windows 7/ Windows 8, you need to do the following:

- 1. Make sure your PC computer (Hardware requirement) can support Windows 7/ Windows 8/ Windows 10.
- 2. Make sure your video card can run Windows 7/ Windows 8/ Windows 10.
- 3. If your video card can support Windows 7/ Windows 8 /Windows 10, need to install the latest Windows 7/ Windows 8/ Windows 10 driver of your video card.

#### Suggest to do the following:

- 1. Install the latest Windows 7/ Windows 8/ Windows 10 video driver of your video card.
- 2. Try to use the recommended display resolution that is supported by the monitor.
- 3. If the recommended display resolution is not working, try the second recommended display resolution.

	1	2
35,56cm / 14" (16:9)	1366×768@60Hz	1366×768@50Hz
39,6cm / 15.6" (16:9)	1366×768@60Hz	1366×768@75Hz
40,64cm / 16" (16:9)	1366×768@60Hz	1366×768@50Hz
43,2cm / 17" (16:10)	1440×900@60Hz	1440×900@75Hz
47cm / 18.5" (16:9)	1366×768@60Hz	1366×768@75Hz
48,3cm / 19" (5:4)	1280×1024@60Hz	1280×1024@75Hz
48,3cm / 19" (16:10)	1440×900@60Hz	1440×900@75Hz
51cm / 20" (16:9)	1600×900@60Hz	1600×900@50Hz
56cm / 22" (16:10)	1680×1050@60Hz	1680×1050@50Hz
54,6cm / 21.5" (16:9)		
58,4cm / 23" (16:9)		
60cm / 23.6" (16:9)	1920×1080@60Hz	1920×1080@50Hz
62,5cm / 24.6 (16:9)		
68,6cm / 27 " (16:9)		

And if you still have display problem after doing the above procedure, please visit HANNspree support and Service Website: http://www.hannspree.eu/en/monitors

Windows is a registered trademark of Microsoft Corporation.

#### **ERROR MESSAGE & POSSIBLE SOLUTIONS**

#### • CABLE NOT CONNECTED:

- 1. Check that the signal-cable is properly connected, if the connector is loose, tighten the connector's screws.
- 2. Check the signal-cable's connection pins for damage.

#### • INPUT NOT SUPPORT :

Your computer has been set to unsuitable display mode, set the computer to display mode given in the following table.

#### **FACTORY PRESET TIMING TABLE:**

MODE	RESOLUTION	HORIZONTAL FREQUENCY (KHz)	VERTICAL FREQUENCY (Hz)
1	640 x 400@56Hz	24.827	56.424
2	640 x 480@60Hz	31.469	59.940
3	640 x 480@67Hz	35.000	66.667
4	720×480 @60Hz	29.768	59.896
5	848×480 @60Hz	31.020	60.000
6	800×600 @56Hz	35.156	56.250
7	800×600 @60Hz	37.879	60.317
8	1024 x 768 @60Hz	48.363	60.004
9	1024 x 768 @66Hz	53.964	66.132
10	1024 x 768 @70Hz	56.476	70.069
11	1152 x 864 @60Hz	54.054	59.270
12	1152 x 864 @70Hz	63.851	70.012
13	1280 x 720@60Hz	45.000	60.000
14	1280 x 768@60Hz	47.396	59.995
15	1280 x 768@60Hz	47.776	59.870
16	1280 x 800@60Hz	49.306	59.910
17	1280 x 800@60Hz	49.702	59.810

#### (Video mode)

MODE	RESOLUTION
1	640×480p @60Hz
2	720×480i @60Hz
3	720×480p @60Hz
4	720×576i @50Hz
5	720×576p @50Hz
6	1280×720p @60Hz

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7	1920×1080i @50Hz
8	1920×1080i @60Hz
9	1920×1080p @50Hz
10	1920×1080p @60Hz

<sup>\*\*</sup> We ensure that the monitor can be lighted under interlace signal mode, but we can not guarantee the image quality.

## **APPENDIX**

#### **SPECIFICATIONS**

Display Size         25.65 cm / 10.1° Diagonal           Panel Type         TFT – LED Backlight, IPS Panel (*)           Aspect Ratio         16:10           Resolution (H x V)         1280 x 800           Brightness         350 cd/m² (Panel) – 300 cd/m² (Monitor)           Contrast (Typ.)         800:1 (Typical)           Viewing Angle L/R; U/D         170° H / 170° V (CR > 10)           Response Time         25 msec (Typ.)           Pixel Pitch         0.1695 (H) x 0.1695 (V) mm           Touch Type         Projected Capacitive Type – 10-Point Touch Material Glass + Glass (G+G)           Display Colors         16,7M Colors           Display Protection         Thickness 2 mm           Hardness / Transmittance         ≥6H Toughened hard panel surface / ≥85%           IP Rating Level         IP 54 (Front), Water and Dust Protection *           Horizontal Frequency         30 ~ 55 kHz           Vertical Frequency         56 ~ 60 Hz           External Power Adapter         DC: 12Volt / 3A           Input 1         VGA (D-Sub)           Input 2         HDMI           Input 3         USB Type B (for Touch function)           Speakers         -           Power Consumption         On: 4.41W; Stand-by: 0.146W; Off: 0.125W           Product		
Aspect Ratio  Resolution (H x V)  1280 x 800  Brightness  350 cd/m² (Panel) – 300 cd/m² (Monitor)  Contrast (Typ.)  800:1 (Typical)  Viewing Angle L/R; U/D  170° H / 170° V (CR > 10)  Response Time  25 msec (Typ.)  Pixel Pitch  0.1695 (H) x 0.1695 (V) mm  Touch Type  Projected Capacitive Type – 10-Point Touch Material Glass + Glass (G+G)  Display Colors  16,7M Colors  Display Protection  Thickness 2 mm  Hardness / Transmittance  1P 54 (Front), Water and Dust Protection *  Horizontal Frequency  56 ~ 60 Hz  External Power Adapter  DC: 12Volt / 3A  Input 1  VGA (D-Sub)  Input 2  HDMI  Input 3  USB Type B (for Touch function)  Speakers  Power Consumption  On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions  310,6 x 34,8 x 188,6 mm (W x D x H)	Display Size	25.65 cm / 10.1" Diagonal
Resolution (H x V)         1280 x 800           Brightness         350 cd/m² (Panel) − 300 cd/m² (Monitor)           Contrast (Typ.)         800:1 (Typical)           Viewing Angle L/R; U/D         170° H / 170° V (CR > 10)           Response Time         25 msec (Typ.)           Pixel Pitch         0.1695 (H) x 0.1695 (V) mm           Touch Type         Projected Capacitive Type − 10-Point Touch Material Glass + Glass (G+G)           Display Colors         16,7M Colors           Display Protection         Thickness 2 mm           Hardness / Transmittance         ≥6H Toughened hard panel surface / ≥85%           IP Rating Level         IP 54 (Front), Water and Dust Protection *           Horizontal Frequency         56 ~ 60 Hz           External Power Adapter         DC: 12Volt / 3A           Input 1         VGA (D-Sub)           Input 2         HDMI           Input 3         USB Type B (for Touch function)           Speakers         -           Power Consumption         On: 4.41W; Stand-by: 0.146W; Off: 0.125W           Product Dimensions         310,6 x 34,8 x 188,6 mm (W x D x H)	Panel Type	TFT – LED Backlight, IPS Panel (*)
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Display Colors16,7M ColorsDisplay ProtectionThickness 2 mmHardness / Transmittance≥6H Toughened hard panel surface / ≥85%IP Rating LevelIP 54 (Front), Water and Dust Protection *Horizontal Frequency30 ~ 55 kHzVertical Frequency56 ~ 60 HzExternal Power AdapterDC: 12Volt / 3AInput 1VGA (D-Sub)Input 2HDMIInput 3USB Type B (for Touch function)Speakers-Power ConsumptionOn: 4.41W; Stand-by: 0.146W; Off: 0.125WProduct Dimensions310,6 x 34,8 x 188,6 mm (W x D x H)	Pixel Pitch	0.1695 (H) x 0.1695 (V) mm
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Hardness / Transmittance ≥6H Toughened hard panel surface / ≥85%  IP Rating Level IP 54 (Front), Water and Dust Protection *  Horizontal Frequency 30 ~ 55 kHz  Vertical Frequency 56 ~ 60 Hz  External Power Adapter DC: 12Volt / 3A  Input 1 VGA (D-Sub)  Input 2 HDMI  Input 3 USB Type B (for Touch function)  Speakers -  Power Consumption On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions 310,6 x 34,8 x 188,6 mm (W x D x H)	Display Colors	16,7M Colors
IP Rating Level  IP 54 (Front), Water and Dust Protection *  Horizontal Frequency  56 ~ 60 Hz  External Power Adapter  DC: 12Volt / 3A  Input 1  VGA (D-Sub)  Input 2  HDMI  Input 3  USB Type B (for Touch function)  Speakers  Power Consumption  On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions  10	Display Protection	Thickness 2 mm
Horizontal Frequency  56 ~ 60 Hz  External Power Adapter  DC: 12Volt / 3A  Input 1  VGA (D-Sub)  Input 2  HDMI  Input 3  USB Type B (for Touch function)  Speakers  -  Power Consumption  On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions  30 ~ 55 kHz  10 KHZ  10 KHZ  10 KHZ  11 VGA (D-Sub)  11 VGA (D-Sub)  12 VGA (D-Sub)  13 VGA (D-Sub)  14 VGA (D-Sub)  15 VGA (D-Sub)  16 VGA (D-Sub)  17 VGA (D-Sub)  18 VGA (D-Sub)  1	Hardness / Transmittance	≥6H Toughened hard panel surface / ≥85%
Vertical Frequency 56 ~ 60 Hz  External Power Adapter DC: 12Volt / 3A  Input 1 VGA (D-Sub)  Input 2 HDMI  Input 3 USB Type B (for Touch function)  Speakers -  Power Consumption On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions 310,6 x 34,8 x 188,6 mm (W x D x H)	IP Rating Level	IP 54 (Front), Water and Dust Protection *
External Power Adapter  DC: 12Volt / 3A  Input 1  VGA (D-Sub)  Input 2  HDMI  Input 3  USB Type B (for Touch function)  Speakers  -  Power Consumption  On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions  310,6 x 34,8 x 188,6 mm (W x D x H)	Horizontal Frequency	30 ~ 55 kHz
Input 1 VGA (D-Sub)  Input 2 HDMI  Input 3 USB Type B (for Touch function)  Speakers -  Power Consumption On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions 310,6 x 34,8 x 188,6 mm (W x D x H)	Vertical Frequency	56 ~ 60 Hz
Input 2 Input 3 USB Type B (for Touch function)  Speakers - Power Consumption On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions 310,6 x 34,8 x 188,6 mm (W x D x H)	External Power Adapter	DC: 12Volt / 3A
Input 3 USB Type B (for Touch function)  Speakers -  Power Consumption On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions 310,6 x 34,8 x 188,6 mm (W x D x H)	Input 1	VGA (D-Sub)
Speakers -  Power Consumption On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions 310,6 x 34,8 x 188,6 mm (W x D x H)	Input 2	HDMI
Power Consumption On: 4.41W; Stand-by: 0.146W; Off: 0.125W  Product Dimensions 310,6 x 34,8 x 188,6 mm (W x D x H)	Input 3	USB Type B (for Touch function)
Product Dimensions 310,6 x 34,8 x 188,6 mm (W x D x H)	Speakers	-
	Power Consumption	On: 4.41W; Stand-by: 0.146W; Off: 0.125W
Packing Dimensions 370 x 90 x 237 mm (W x D x H)	Product Dimensions	310,6 x 34,8 x 188,6 mm (W x D x H)
	Packing Dimensions	370 x 90 x 237 mm (W x D x H)
Net / Gross Weight 1.9 Kg / 2.6 Kg	Net / Gross Weight	1.9 Kg / 2.6 Kg

VESA Mounting	-
Controls	Power, Auto, (+), (-), Menu
Color	9300, 7500, 6500, User Mode
Preset Mode	N/A
On Screen Display	9 OSD Languages
LED Backlight life	20.000 hours
Accessory	Power Adaptor; EU Power Cord (1.8m); USB Cable (1.8m); HDMI Cable (2m)
Orientation	Landscape, Portrait, Face-Up

\*\*\* The above specification is subject to actual product specification and is subject to change without prior notice.

**NOTES:** The Maximum Resolution will depends on the display card supporting. Related issue can refer to <a href="http://www.hannspree.eu/en/monitors">http://www.hannspree.eu/en/monitors</a>. FAQ section.