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HT-HV43, HT-HV55

Hall Vision Video Displays

INSTRUCTIONS FOR USE

April 23, 2026



Safety Warnings

1. Use only the power supply and voltage indicated on the label.
2. A three-prong power cord is included. Confirm that the ground terminal of the wall outlet is well grounded before installation. Route the power cord away from passageways to avoid treading; also keep away from areas where the cord may get pressed.
3. Do not overload the power outlet.
4. In case of thunderstorms, pull out the power plug and network cable to avoid damage.
5. If the panel is to be unused for a long period of time, please power it off and pull out the power plug.
6. If there is an abnormal sound or smell, please power the panel off immediately and pull out the power plug.
7. Keep away from flammable and explosive materials.
8. Be careful to prevent any liquid or metal objects from entering the panel. If liquid or metal objects do enter the panel, stop using it and contact the maintenance personnel as soon as possible.
9. When the panel is moved from a low temperature environment to a warmer temperature environment, condensation may form inside. If this occurs, the panel should remain unplugged for at least 24 hours prior to powering up the panel.
10. When lifting and moving the panel, handle it with at least two persons. Avoid impact to the panel.
11. To avoid injury, install the panel according to the mounting instructions.
12. Do not place the panel:
 - a. In direct sunlight, moisture, high/low temperature, or dusty environments.
 - b. In poorly ventilated or fully enclosed mounts
 - c. Where flammable or explosive material is present.
 - d. Where any combustible or corrosive gas is present.
13. In order to avoid the risk of explosion, do not expose any batteries to sunlight, fire, or high temperature.

Precautions

- Do not attempt to disassemble/assemble this product as you may get exposed to the dangerous voltage or other electronic hazards. If necessary, please contact the maintenance personnel.
- If the product is dirty, first disconnect the power plug, then wipe the surface with a slightly damp cloth. Do not apply force while wiping the display screen as it may scratch the screen. Do not wipe with such solvents as alcohol, gasoline, acid, alkali, detergent, volatile oil and diluents as these solvents may damage the panel.
- Condensation may appear inside the screen in high humidity. This is a normal phenomenon as temperature differences between the external and internal glass surface may lead to water droplets on the internal glass surface. These droplets will disappear automatically after 24 hours of normal use.
- Do not insert any sharp or metal object into the vent or touch the signal connectors with any sharp or metal object. Short circuits and/or electric shock can be caused.
- Do not exert pressure on the screen as it is made of glass.
- Do not place the product on an unsteady portable mount, shelf, or table.
- Openings on the panel are designed for heat dissipation to ensure good performance. Vents should not be covered with objects such as curtains as they may impede proper ventilation.
- Do not allow a still picture or an active picture containing stationary text or icons to remain on the screen for too long. This will leave a “ghost” image on the screen and will not disappear after shutdown.

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Introduction

OVERVIEW

The Hall Technologies HT-HV Series displays are signage displays designed to operate 24/7. The 4k@60Hz resolution and 16:9 aspect ratio will natively match 4k and 1080p sources connected to it, with audio playback through the display's integrated loudspeakers.

IR remote menu buttons will access OSD for various display setting changes such as brightness, contrast, volume, etc.

FEATURES

- LED Technology
- 4k@60Hz Native Resolution
- 16:9 Aspect Ratio
- 1x HDMI inputs with support for digital audio
- FCC and CE (Class B) compliant
- Wall Mount
- IR remote for accessing OSD settings

Package Contents

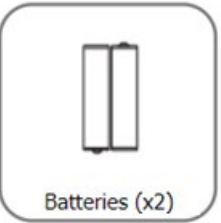
HT-HV43

- 1 x 43" Flat Panel
- 1 x Power Cord
- 1 x Remote Controller
- 2 x Batteries



HT-HV55








- 1 x 55" Flat Panel
- 1 x Power Cord
- 1 x Remote Controller
- 2 x Batteries



Control – Remote Control

The Hall Vision flat panel can be controlled using the included remote control.

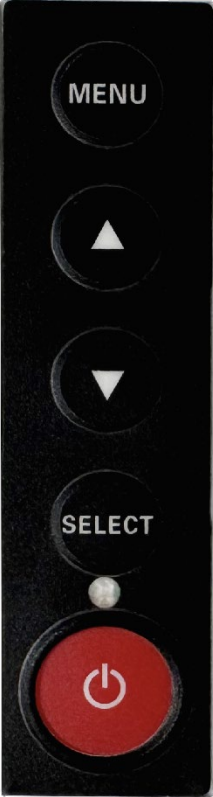


Remote Element	Description
	Power on/off the display
	Exit the menu
	Navigation keys used to select or adjust menu options
	Source selection
	Show/hide the main menu
	Acts as an escape key to return to the previous screen/menu.
	Decrease and increase the volume

Basic Operations – Sidebar Buttons

SIDEBAR BUTTONS OVERVIEW

The sidebar buttons can be accessed on either side of the panel by clicking on the gray arrow key. Once pressed the following list of side bar buttons will appear.



UI Element	Description
Menu	Select the sidebar menu to view the monitor menu.
Arrow Up	Use the up arrow to navigate through the menus.
Arrow Down	Use the down arrow to navigate through the menus.
Select	To confirm the selection, use the select button.
Power	This powers on and off the monitor.

BOOTUP



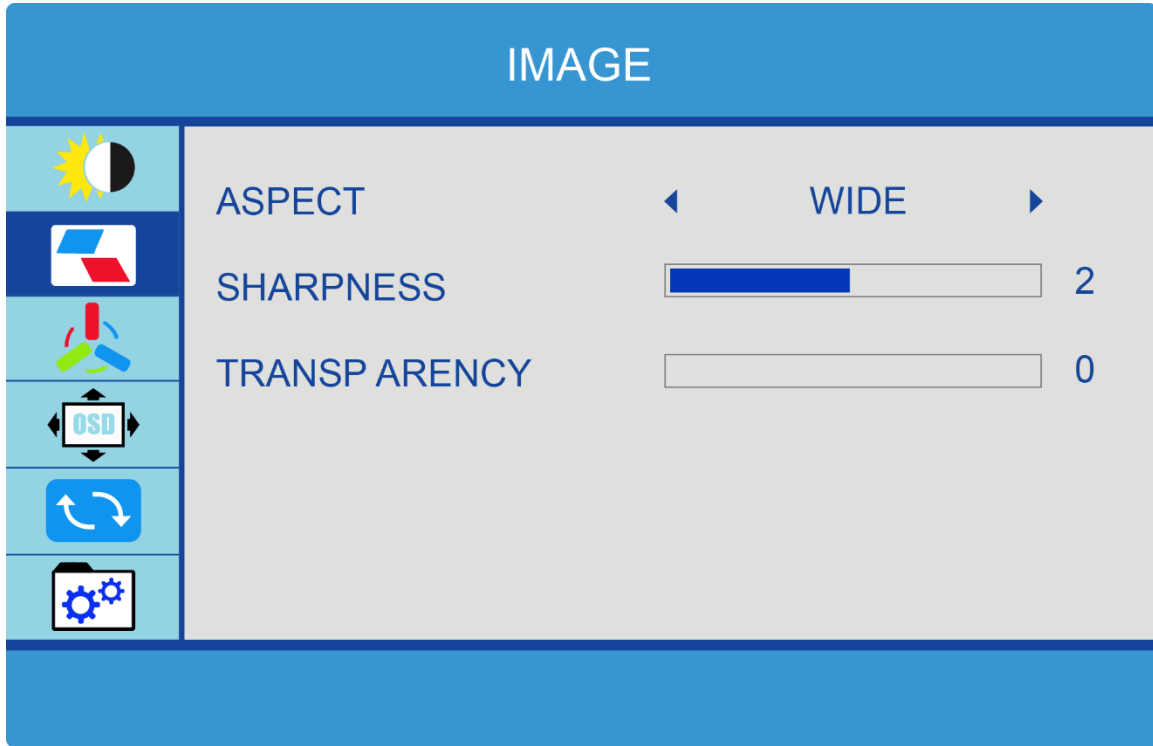
UI Element	Description
Bootup Image	This image will be seen when the monitor is booting up.

BACKLIGHT



UI Element	Description
BACKLIGHT	Adjust the level of the LED back lights
CONTRAST	Change the contrast using this level
ECO	Changes the backlight setting mode. Options are STANDARD, GAME, MOVIE, TEXT, FPS (used for fast-paced-gaming), RTS (used for strategy gaming). Default is set to STANDARD.
DCR	Dynamic Contrast Ratio – dynamically adjusts the monitor’s backlight and contrast settings in real-time, based on content being displays. When ON the brightness and contrast are greyed out and cannot be changed.
LOW BLUE	Increasing this setting adjusts the screen color to a warmer tone to minimize eye strain. Default setting is 0.
OD	Enabling Overdrive reduces motion blur and ghosting. Default setting is OFF

IMAGE



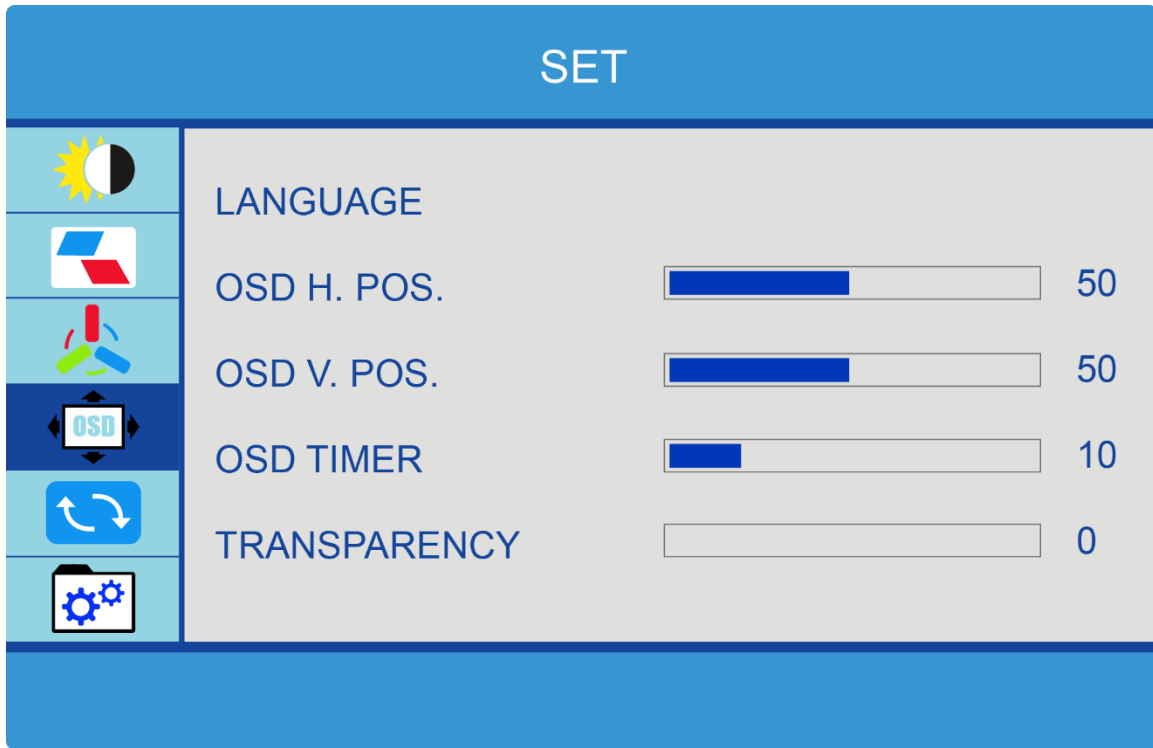
UI Element	Description
ASPECT	Adjust the aspect ratio between, wide and 4:3.
SHARPNESS	Adjust the sharpness of the image.
TRANSPARENCY	Adjust the transparency of the OSD.

COLOR



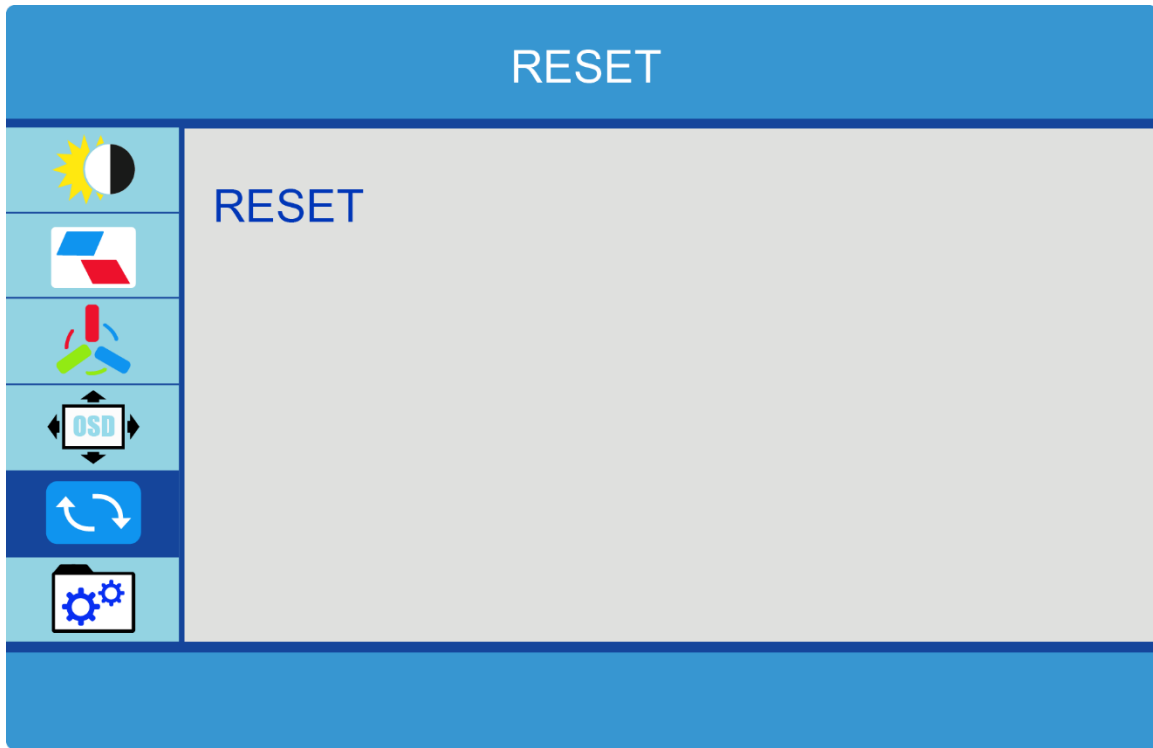
UI Element	Description
COLOR TEMP	Adjust the color temperature between cool, warm, sRGB, and User (Default)
RED	Based on the color temperature you can adjust the shades of red.
GREEN	Based on the color temperature you can adjust the shades of green.
BLUE	Based on the color temperature you can adjust the shades of blue.

SET



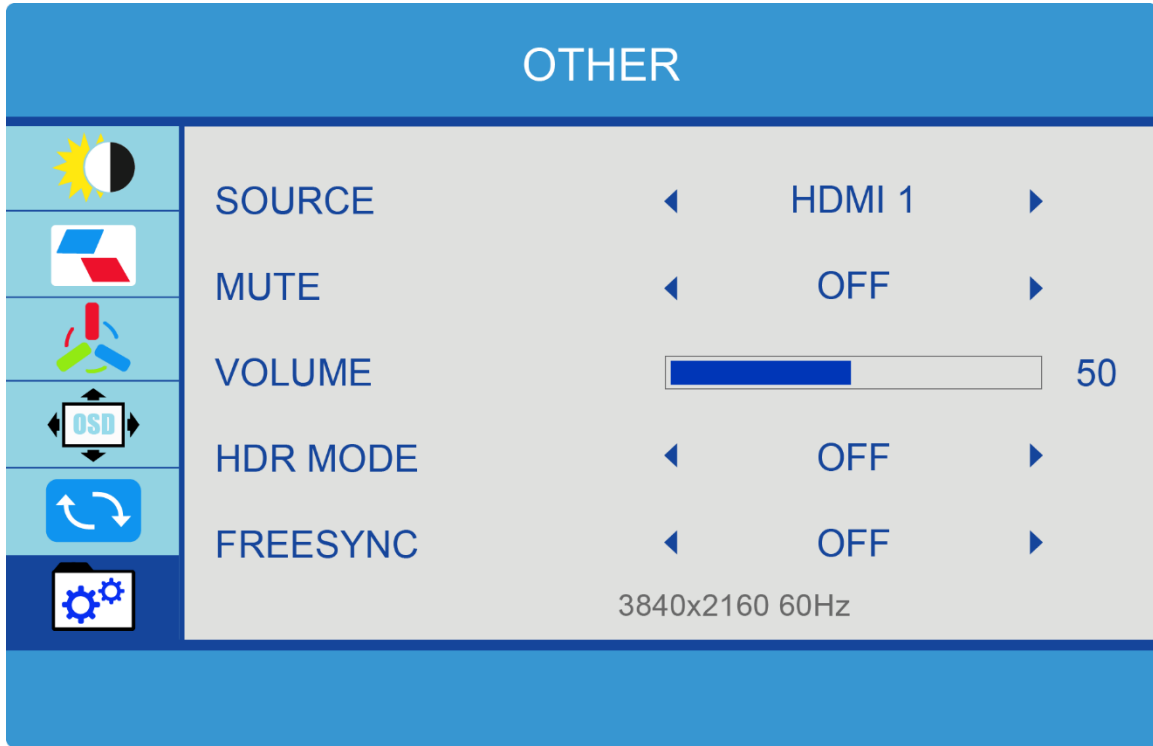
UI Element	Description
LANGUAGE	Change the OSD language for the display: English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese, Russian, Korean
OSD H. POS.	Adjust the OSD position horizontally on the display.
OSD V. POS.	Adjust the OSD position vertically on the display
OSD TIMER	Adjust how long the OSD will stay on before it will automatically turn off. This between 0-60 seconds
TRANSPARENCY	Adjust the transparency of the OSD.

RESET



UI Element	Description
RESET	This allows you to reset to the default settings

OTHER



UI Element	Description
SOURCE	Change the source: HDMI 1, HDMI 2, DP (DisplayPort)
MUTE	Mute the speakers
VOLUME	This will adjust the volume of the display speakers
HDR MODE	High Dynamic Range improves picture quality by increasing the range between the brightest whites and darkest blacks, ideal for modern gaming and HDR-compatible video. When enabled all manual video settings are greyed out. Default is OFF.
FREESYNC	Enabling this mode eliminates screen tearing, stuttering, and input lag by synchronizing the refresh rate to the graphic card's frame rate. Default is OFF.

Technical Parameters

Mode Display HDMI

No.	Mode	Resolution	Refresh Rate
1	SD	720x480	70Hz
2		720x576	50Hz
3		1280x720	50Hz
4		1280x720	60Hz
5	HD	1920x1080	50Hz
6		1920x1080	60Hz
7	UD	3840x2160	30Hz
8		3840x2130	60Hz

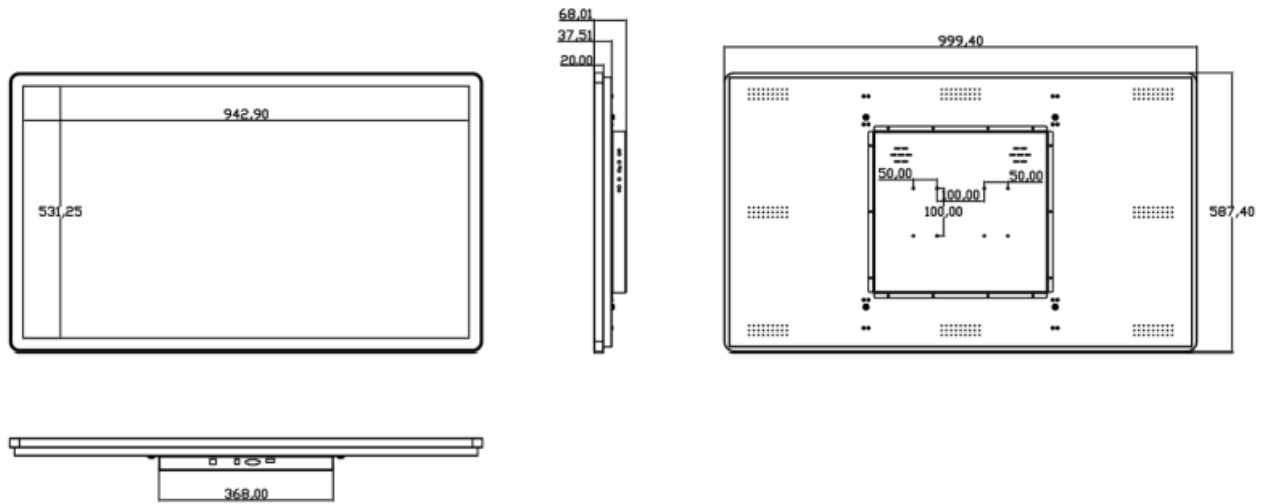
Troubleshooting

Symptom	Possible Cause	Solution
The screen does not display anything; there is no sound, and the indicator LED does not come on	The power plug is loose or power connection failure	Check if the power cord is properly connected, and there is power at the receptacle.
Pictures shown on the panel have a dotted line or a strip interference	Signal interference caused by another device	Try to find the device causing the interference. This could include a higher-powered electric device such as a vacuum or hair dryer, or even a neon light.
Pictures shown on the PC are offset, do not cover the entire screen, extend beyond the screen area, or are blurred	<ol style="list-style-type: none">1. Improper video adjustment2. Incorrect display mode	<ol style="list-style-type: none">1. Use the auto adjustment function2. Enter "PC Screen Adjustment" to adjust the horizontal or vertical position3. Use the recommended mode
Remote control only works when close to the panel or doesn't work at all.	<ol style="list-style-type: none">1. Verify nothing is blocking the IR receiver2. Check the batteries of the remote	<ol style="list-style-type: none">1. Move the objects to avoid blocking the remote receiver2. Replace the batteries.
OSD Menu does not appear when using the remote	No input signal connected	Connect a source to the input

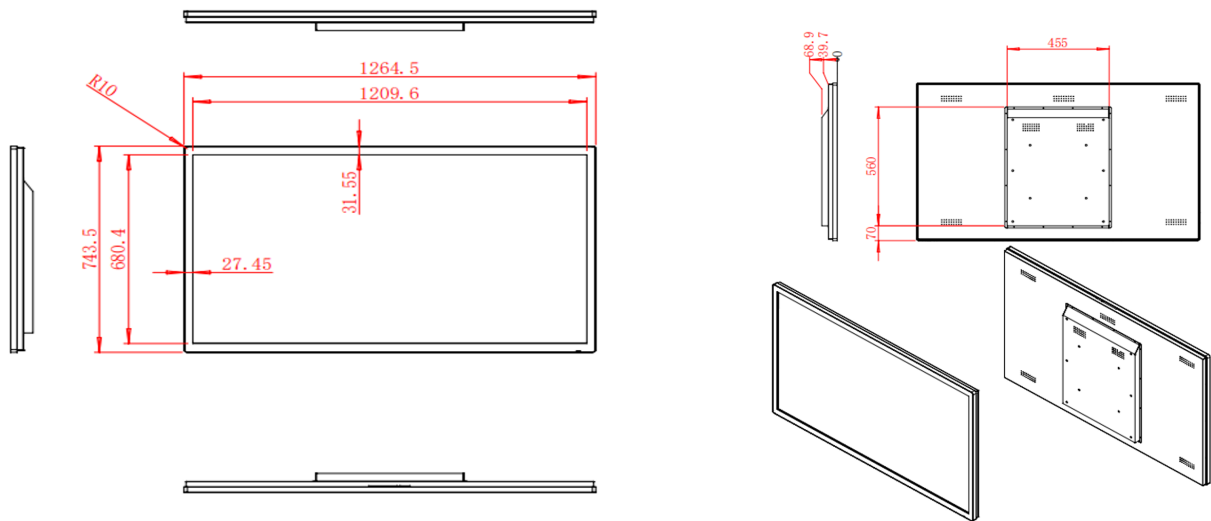
Specifications

	HT-HV43	HT-HV55
Display		
Display	43" LED Backlight	55" LED Backlight
Response time	8 ms	
Aspect Ratio	16:9	
Display area (H x V)	37.1" x 20.9" (942.9mm x 531.25mm)	47.6" x 26.7" (1208.6mm x 679.4mm)
Resolution	3840 x 2160	
Refresh Frequency	120Hz	
NTSC	72%	
Contrast Ratio	1200:1	
Viewing Angle	Horizontal: 178° / Vertical 178°	
Brightness with Glass	300 cd/m ²	
Lifetime	≥ 50,000 hours	
Bezel Branding	Hall Technologies	
Splash Screen Branding	Hall Technologies	
Bezel Color	Black	
Side/Trim Color	Black	
Rear Panel	Top angled panel with no vents to prevent dust – black in color	
OSD	Settings: Brightness, Contrast, ECO, DCA, Signal Source, Audio Mute, Audio Volume, OSD Language, OSD Position, OSD Timer, OSD Transparency, Color Temp, Aspect OSD Language: English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese, Russian, Korean	
Wall Mount	Metal - Black	
Mounting Options	VESA 4-hole 400mm mounting interface on rear of the unit	
Warranty	3 years	
Audio		
Loudspeaker	2 * 2.5W / 8Ω (2.0 Stereo)	
Power		
Power Requirements	100-240V @ 50/60Hz, 3.0A	
Overall Power (Max)	240W	
Standby Power	≤1W	
I/O Port		
Video Inputs	1 x HDMI, 1 x DisplayPort	
Audio Inputs/Outputs	1 x 3.5mm Line Input 1 x 3.5mm Line Output	
Accessories		
Included Accessories	1x HDMI Cable (3'), 1 x US Power Cable, 1 x Wall Mount w/ Mounting Screws	
Declarations		
Regulatory Approvals & Declarations	U.S. FCC, RoHS, CE	
General		
Display Dimensions (W x H x D)	39.3" x 23.1" x 2.7" (999.4mm x 587.4mm x 68mm)	49.8" x 29.3" x 3.3" (1264.5mm x 743.5mm x 85mm)
VESA Standard (H x V)	4-M6 400mm x 400mm	
Weight	50.5 lbs. (22.9kg)	70.5 lbs. (32kg)
Operating Temp	32° F to 104° F (0° C to 40° C)	
Storage Temp	-4° F to 140° F (-20° C to 60° C)	

HT-HV43 DIMENSIONS



HT-HV55 DIMENSIONS





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