



HT-HV32-4K

Hall Vision 4K Monitors

On Screen Display (OSD)

Rev. 1.0 — April 29, 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. 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 wipe with solvents such as alcohol, gasoline, acid, alkali, or detergents as these may damage the panel.
- Condensation may appear inside the screen in high humidity. 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.
- 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.
- Vents should not be covered with objects such as curtains as they may impede proper ventilation.
- Do not allow a still picture or stationary text/icons to remain on the screen for too long. This will leave a “ghost” image that will not disappear after shutdown.

| | |
|--------------------------------|----|
| TABLE OF CONTENTS | |
| TABLE OF CONTENTS | 3 |
| INTRODUCTION | 4 |
| Overview..... | 4 |
| Features..... | 4 |
| PACKAGE CONTENTS | 5 |
| HT-HV32-4K | 5 |
| SIDEBAR BUTTONS..... | 6 |
| Sidebar Buttons Overview | 6 |
| SYSTEM SETTINGS..... | 7 |
| Brightness | 8 |
| Image | 9 |
| Color Temp | 10 |
| OSD Setting..... | 11 |
| Reset..... | 12 |
| Misc. | 13 |
| TECHNICAL PARAMETERS..... | 14 |
| HDMI Display Modes | 14 |
| TROUBLESHOOTING | 15 |
| SPECIFICATIONS..... | 16 |
| Dimensions | 18 |

INTRODUCTION

Overview

The Hall Technologies HT-HV32-4K is a 32" LCD Hall Vision 4K Monitor with a native 3840x2160 resolution at 60 Hz and a 16:9 aspect ratio. The IPS Hard Screen with anti-glare glass provides wide 178° viewing angles and 400 cd/m² brightness for consistent image quality in any environment.

The monitor includes side panel buttons to access the OSD for various display setting changes including brightness, contrast, color temperature, and source selection.

Features

- 3840x2160 (4K) Native Resolution at 60 Hz with support for 1080p
- 32" IPS Hard Screen with Anti-glare Glass
- 178° Horizontal / 178° Vertical Viewing Angle
- 400 cd/m² Brightness
- 2 × HDMI and 1 × DisplayPort video inputs
- Built-in stereo speakers (2 × 1W)
- Greater than 50,000 lifetime hours
- IEC/EN 60601-1-2 EMC Certification
- VESA 4-M6 100mm × 100mm wall mount compatible

PACKAGE CONTENTS

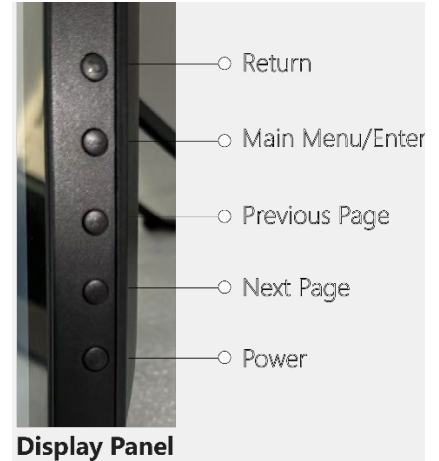
**HT-HV32-4K**

- 1 × 32" LCD Monitor
- 1 × HDMI Cable (6')
- 1 × DisplayPort Cable (6')
- 1 × Power Brick with US Power Cable
- 1 × Swivel Desktop Mount (Raise/Lower)
- 4 × Screws
- 1 × Screwdriver

SIDEBAR BUTTONS

Sidebar Buttons Overview

| UI Element | Description |
|--------------|------------------------------------------------------------------------------------------------------------------|
| Auto | Returns to the previous menu level or exits the OSD. Also performs auto image adjustment when no menu is active. |
| Menu | Opens the main OSD menu or confirms the current selection. |
| Up | Navigates up through menu items or increases the selected value. |
| Down | Navigates down through menu items or decreases the selected value. |
| Power | Powers the monitor on and off. |



The side buttons are located on the back-right edge of the monitor. Press the Menu button to open the OSD, then use Up and Down to navigate and adjust settings. Press Menu again to confirm a selection or press Auto to return to the previous level.

SYSTEM SETTINGS

The System Settings menu provides access to all OSD display options.

Bootup



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

Brightness



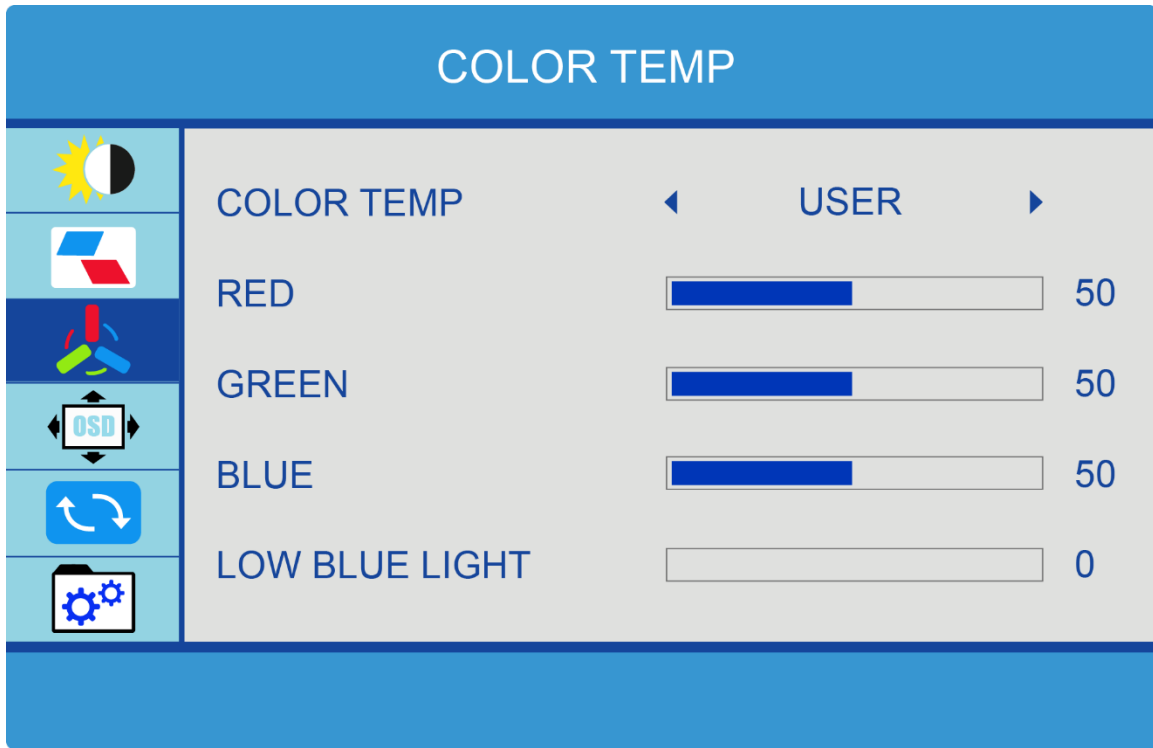
| UI Element | Description |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brightness | Adjust the overall brightness level of the display backlight. Range: 0–100. Default: 80. |
| Contrast | Adjust the difference between the darkest and brightest areas of the image. Range: 0–100. Default: 50. |
| ECO | Select the picture mode preset to optimize the display for different content types. Options: STANDARD, GAME, MOVIE, FPS (fast-paced gaming), RTS (strategy gaming), ENERGY SAVE. Default: STANDARD. |
| DCR | Dynamic Contrast Ratio — automatically adjusts the backlight and contrast in real time based on the content displayed. When ON, the Brightness and Contrast sliders are greyed out and cannot be manually adjusted. Default: OFF. |
| Over Drive | Enables overdrive to reduce motion blur and ghosting in fast-moving content. Default: OFF. |

Image



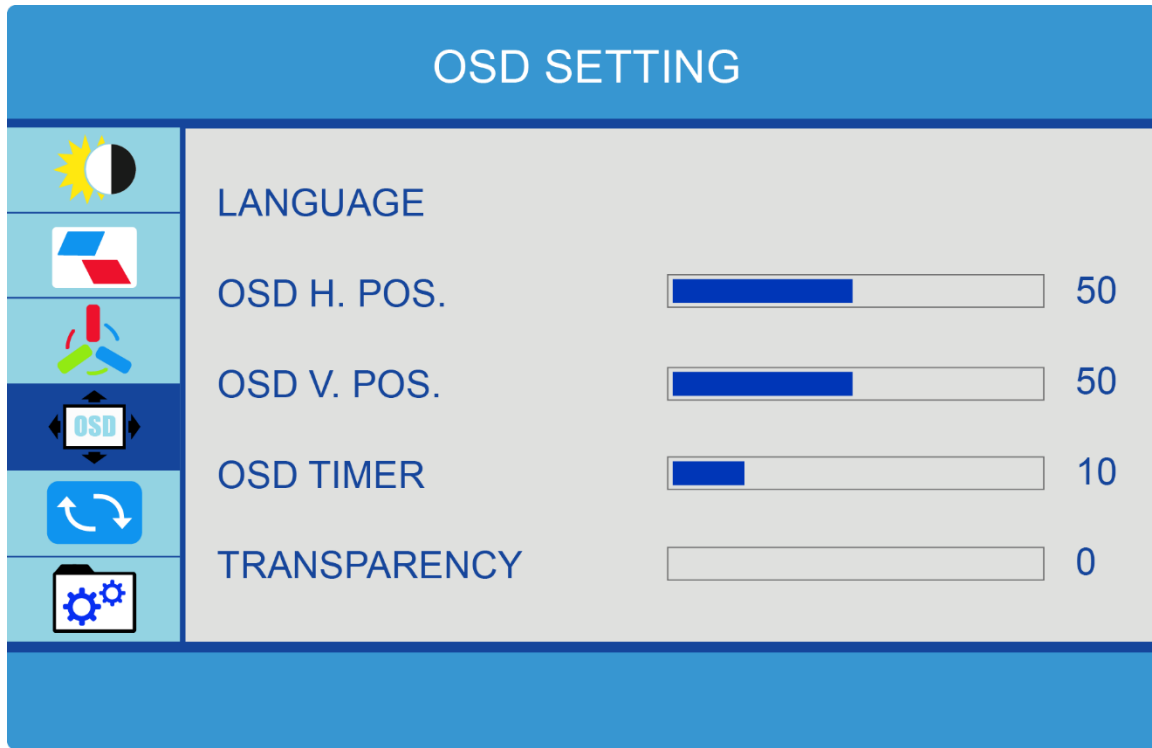
| UI Element | Description |
|------------|---------------------------------------------------------------------------------------------|
| Aspect | Adjust the display aspect ratio. Options: 4:3 (standard), 16:9 (widescreen). Default: 16:9. |

Color Temp



| UI Element | Description |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color Temp | Select the color temperature preset. Options: USER (manual RGB adjustment), sRGB (standard color space), WARM (redder tones), COOL (bluer tones). Default: USER. |
| Red | Adjust the intensity of the red channel. Available when Color Temp is set to USER. Range: 0–100. Default: 50. |
| Green | Adjust the intensity of the green channel. Available when Color Temp is set to USER. Range: 0–100. Default: 50. |
| Blue | Adjust the intensity of the blue channel. Available when Color Temp is set to USER. Range: 0–100. Default: 50. |
| Low Blue Light | Reduces the amount of blue light emitted by the display to minimize eye strain during extended use. Range: 0–100. Default: 0. |

OSD Setting



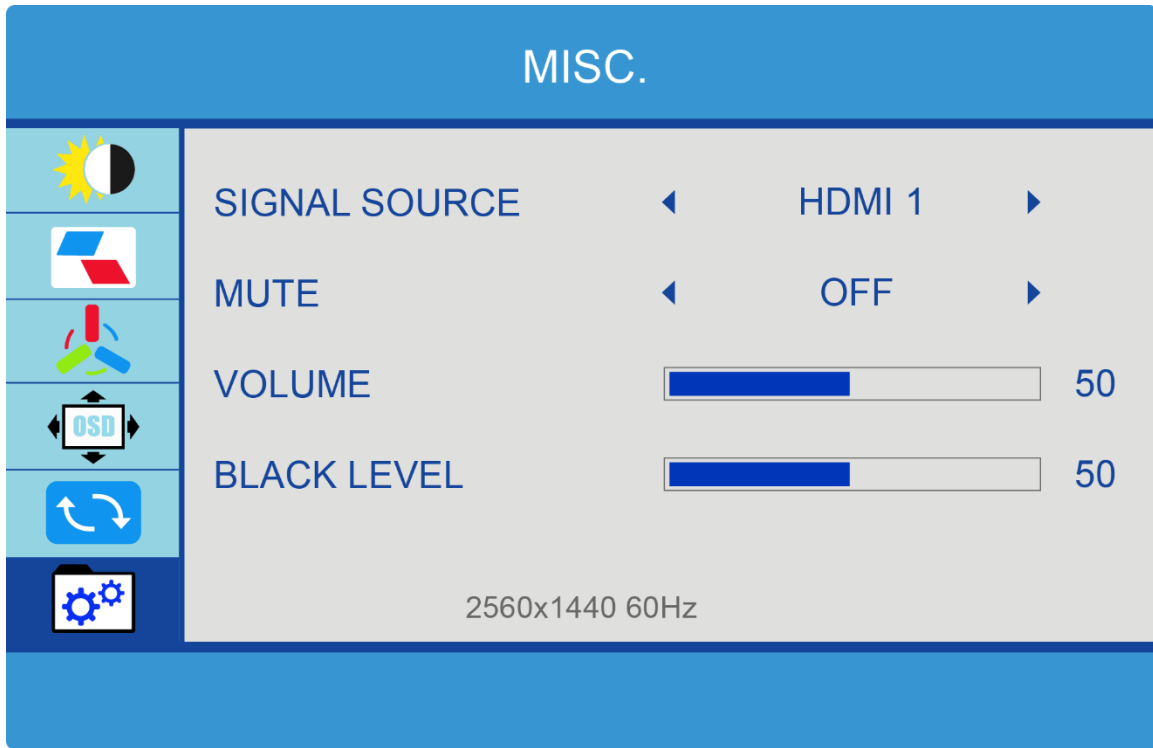
| UI Element | Description |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Language | Changes the language of the OSD menus. Options: English, Français, Deutsch, 简体中文, Italiano, Español, Português, Türkçe, 日本語, 한국어, Polski, Nederlands. |
| OSD H. Pos. | Adjusts the horizontal position of the OSD on screen. Range: 0–100. Default: 50. |
| OSD V. Pos. | Adjust the vertical position of the OSD on screen. Range: 0–100. Default: 50. |
| OSD Timer | Sets how long the OSD remains visible before automatically closing. Range: 0–60 seconds. Default: 10. |
| Transparency | Adjusts the transparency of the OSD overlay. Range: 0–100. Default: 0 (opaque). |

Reset



| UI Element | Description |
|------------|------------------------------------------------------|
| Reset | Restores all OSD settings to factory default values. |

Misc.



| UI Element | Description |
|---------------|------------------------------------------------------------------------------|
| Signal Source | Select the active video input. Options: HDMI 1, HDMI 2, DP (DisplayPort). |
| Mute | Mutes the built-in speakers. Options: OFF, ON. Default: OFF. |
| Volume | Adjust the volume level of the built-in speakers. Range: 0–100. Default: 50. |
| Black Level | Adjusts the black level of the HDMI input signal. Range: 0-100. Default: 50. |

TECHNICAL PARAMETERS

HDMI Display Modes


| No. | Mode | Resolution | Refresh Rate |
|-----|------|--------------|--------------|
| 1 | SD | 640 x 480p | 60 Hz |
| 2 | | 720 x 480p | 60 Hz |
| 3 | | 720 x 576p | 50 Hz |
| 4 | | 800 x 600p | 60 Hz |
| 5 | | 1024 x 768p | 60 Hz |
| 6 | | 1280 x 720p | 60 Hz |
| 7 | | 1280 x 800p | 60 Hz |
| 8 | | 1280 x 960p | 60 Hz |
| 9 | | 1280 x 1024p | 60 Hz |
| 10 | HD | 1920 x 1080p | 50 Hz |
| 11 | | 1920 x 1080p | 60 Hz |
| 12 | QHD | 2560 x 1440p | 60 Hz |

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 on the panel have a dotted line or strip interference. | Signal interference caused by another device. | Locate and move the interfering device (e.g., vacuum, hair dryer, neon light). |
| Pictures are offset, do not cover the entire screen, or are blurred. | 1. Improper video adjustment. 2. Incorrect display mode. | 1. Use the auto adjustment function. 2. Adjust horizontal/vertical position via OSD Setting. 3. Use the recommended display mode. |
| OSD Menu does not appear when using the side buttons. | No input signal connected. | Connect a source to the active input. |
| No image on screen after selecting source. | Incorrect source selected or cable not connected. | Verify the correct source is selected in Misc. → Signal Source and the cable is securely connected. |

SPECIFICATIONS

| Display | |
|--------------------------|---------------------------------------|
| Display | 32" LCD w/ Anti-glare Glass |
| Resolution | 2560 × 1440 @ 60 Hz |
| Refresh Frequency | 60 Hz |
| Aspect Ratio | 16:9 |
| Display Area (H × V) | 27.48" × 15.5" (698mm × 394mm) |
| Response Time | 8 ms |
| Contrast Ratio | 1,200:1 |
| Display Panel Technology | IPS Hard Screen |
| Pixel Arrangement | 16.7M Color |
| Viewing Angle | Horizontal: 178° / Vertical: 178° |
| Brightness with Glass | 400 cd/m ² |
| Lifetime | ≥ 50,000 hours |
| Audio | |
| Loudspeaker | 2 × 1W (Stereo) |
| Power | |
| Power Requirements | 12V, 5.0A |
| Overall Power (Max) | 65W |
| Standby Power | ≤1W |
| I/O Ports, Interfaces | |
| Video Inputs | 2 × HDMI, 1 × DisplayPort |
| Audio Inputs | None |
| USB | None |
| OSD Buttons | Auto, Up, Power, Down, Menu |
| Certifications | |
| Regulatory Approvals | CE, FCC, IEC/EN 60601-1-2, RoHS, UKCA |
| GTIN | 00850067466246 |
| General | |

| | |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display Dimensions (W × H × D) | 30.1" × 17.8" × 2.1" (763.77mm × 457.21mm × 53.43mm) |
| Package Dimensions (W × H × D) | 34.6" × 21.6" × 11" (880mm × 550mm × 280mm) |
| Net Weight | 17.25 lbs. (7.8 kg) |
| Gross Weight | 29.5 lbs. (13.4 kg) |
| VESA Standard (H × V) | 4-M6 100mm × 100mm |
| Accessories | |
| Included Accessories | 1 × HDMI Cable (6'), 1 × DisplayPort Cable (6'), 1 × Power Brick w/ US Power Cable, 1 × Swivel Desktop Mount (Raise/Lower), 4 × Screws, 1 × Screwdriver |
| Desktop Stand |  |
| Desktop Stand Dimensions | 22.25" × 18.9" × 13.5" (565mm × 480mm × 342.9mm) |
| Desktop Stand Weight | 3.95 lbs. (1.8 kg) |
| Monitor Height (Highest) | 6.5 inch (165mm) from desktop |
| Monitor Height (Lowest) | 2.25 inc (57mm) from desktop |
| Operating Temperature | 32°F to 104°F (0°C to 40°C) |
| Storage Temperature | -4°F to 140°F (-20°C to 60°C) |
| Humidity | 10-90% @ 40°C, Non-condensing |
| Heat Dissipation | Natural air cooling |
| Warranty | 3 Years |

Dimensions

