



LED DISPLAY

# VX2458-C-mhd

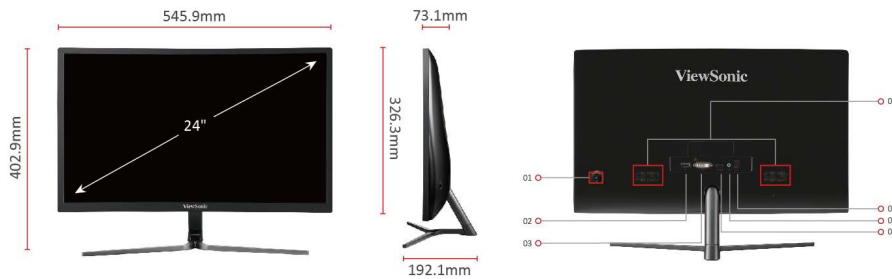
## Key Features

Curved Screen Immersion | Ultra Response Time for Clear and Broadcast-quality Videos | 144Hz Refresh Rate and AMD FreeSync™ | Low Input Lag Embedded for Seamless Viewing Experience | More Viewable colour



## Product Description

With an immersive curved screen, the ViewSonic VX2458-C-mhd provides a stunning viewing experience for work or play. The monitor has been designed with an 1800R curve and 85% NTSC colour coverage to deliver the perfect balance of comfort and immersion. A high 144Hz refresh rate delivers smooth animations with minimal input lag while AMD FreeSync™ virtually eliminates screen tearing and stuttering for a fluid gaming experience. Low input lag embedded in this monitor to provide users with seamless viewing experience. VX2458-C-mhd also comes equipped with ViewSonic's exclusive ViewMode™ presets, which offer optimized screen performance for different home entertainment applications, such as watching movies, editing files, or playing video games. DisplayPort, HDMI ports and a DVI input offer flexible connectivity for both general use and entertainment.



- 1. OSD Joystick
- 2. DisplayPort
- 3. DVI
- 4. HDMI
- 5. Headphone
- 6. DC Power

- 7. Internal Speakers

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**LCD PANEL**

|                         |                                 |
|-------------------------|---------------------------------|
| Monitor Size:           | 24"W (23.6" Viewable)           |
| Panel Technology:       | VA TFT LCD(Curved 1800R)        |
| Resolution:             | Full HD 1920 x 1080             |
| Display Area:           | 521.4mm (H) x 293.28mm (V)      |
| Aspect Ratio:           | 16:9                            |
| Brightness:             | 280 cd/m2 (Typ)                 |
| Contrast Ratio:         | 3000:1 (Typ)                    |
| Dynamic Contrast Ratio: | 80,000,000:1                    |
| Viewing Angles:         | 178 degrees / 178 degrees (Typ) |
| Refresh Rate:           | 144Hz                           |
| Response Time:          | GTG(Recommnd;typ'ms): 1ms       |
| Colour Gamut:           | 85% of NTSC (Typ)               |
| Pixel Size:             | 0.27156mm (H) x 0.27156mm (V)   |

**INPUT SIGNAL**

|            |  |
|------------|--|
| Frequency: | DVI: Fh = 15 ~ 180KHz ; Fv = 48 ~ 144Hz<br>HDMI (v1.4): Fh = 15 ~ 180KHz ; Fv = 48 ~ 144Hz<br>DisplayPort (v1.2): Fh = 15 ~ 160KHz ; Fv = 48 ~ 144Hz |
| Sync:      | TMDS, PCI-E  |

**COMPATIBILITY**

|       |                      |
|-------|----------------------|
| PC:   | Windows 10 certified |
| Mac®: | Power Mac tested     |

**CONNECTOR**

|         |  |
|---------|--|
| Input:  | DVI-D x 1<br>HDMI x 1 (v1.4 compatible)<br>DisplayPort x 1 (v1.2 compatible) |
| Output: | Earphone out x 1 (3.5mm plug)  |

**AUDIO**

|          |        |
|----------|--------|
| Speaker: | 3W x 2 |
|----------|--------|

**POWER**

|              |                                  |
|--------------|----------------------------------|
| Power:       | 5.5 x 2.1 x 11.5 mm DC connector |
| Voltage:     | AC 100-240V (Universal); 50/60Hz |
| Consumption: | 32.2W                            |
| Optimize:    | 29W                              |
| Conserve:    | 24.5W                            |

**MODEL COLOUR**

|       |
|-------|
| Black |
|-------|

**ERGONOMICS**

|       |                     |
|-------|---------------------|
| Tilt: | -5±2 ~ 20±2 degrees |
|-------|---------------------|

**OPERATING CONDITIONS**

|                          |                              |
|--------------------------|------------------------------|
| Temperature (° F / ° C): | 32°F to 104°F (0°C to 40°C)  |
| Humidity:                | 20% to 90% (no condensation) |

**DIMENSIONS (W X H X D) (MM)**

|                              |                                   |
|------------------------------|-----------------------------------|
| Physical with stand (mm):    | 546mm (W) x 403mm (H) x 192mm (D) |
| Physical without stand (mm): | 546mm (W) x 326mm (H) x 65mm (D)  |
| Packaging (mm):              | 607mm (W) x 475mm (H) x 130mm (D) |

**WEIGHT**

|                    |        |
|--------------------|--------|
| Net with stand:    | 3.37kg |
| Net without stand: | 3.12kg |
| Gross:             | 5.1kg  |

**REGULATIONS**

cTUVus, FCC-B, ICES003, NRCan, Mexico CoC, Mexico Energy, CE, REACH, ErP, WEEE, EAC, UkrSEPRO, BSMI, RCM, GEMS, KC, e-Standby, CCC, China RoHS, CEL

**WARRANTY**

\*Warranty offered may differ from market to market

**PACKAGE CONTENTS**

LCD Display  
36W AC/DC Adapter  
Power Cable  
HDMI Cable  
Quick Start Guide