

# 28" Full HD LED Dual HDMI/MHL Display

Entertainment Monitor with SuperClear® Pro Technology

**VX2858Sml**



The ViewSonic® VX2858Sml is a 28" Full HD 1080p display designed for entertainment and multimedia applications. Equipped with SuperClear® Pro technology, true 8-bit colors, a 3000:1 static contrast ratio, and a 50M:1 MEGA Dynamic Contrast Ratio, the VX2858Sml delivers superior color performance with excellent color reproduction at nearly any viewing angle. Dual MHL ports enable seamless connectivity and simultaneous battery charging of MHL-enabled mobile devices—facilitating easy content sharing and mobile gaming on a larger screen. The MHL ports can also be used as HDMI ports for connection to gaming consoles, set-top boxes, and other multimedia peripherals, while a VGA port provides legacy connectivity. ViewSonic's proprietary ViewMode™ provides intuitive presets to deliver optimized screen performance in different applications. In addition, Flicker-Free technology and a Blue Light Filter help to reduce eye strain from extended viewing periods. Delivering the ultimate in screen performance and advanced connectivity options, the VX2858Sml is a premium entertainment display for the most demanding of users.

## Dual HDMI® Inputs for Diverse Full HD Connectivity



Equipped with two sets of HDMI inputs, the VX2858Sml display allows you to connect to a variety of devices and peripherals including gaming consoles, Blu-ray players, laptop PCs, digital cameras, and many others for the ultimate true high-definition experience.

## MHL Functionality for Easy Connectivity to Mobile Devices



Integrated with Mobile High-Definition Link (MHL), the VX2858Sml enables users to connect compatible mobile devices, such as smartphones and tablets, directly to the VX2858Sml display\*. This allows digital content from mobile devices to be viewed in stunning Full HD resolution on the larger screen of the VX2858Sml, while also simultaneously charging the batteries of the mobile device.

## SuperClear® Pro Technology for Richer Colors, Better Color Gradients, and Sharper Images

SuperClear Pro technology provides true 8-bit color performance that displays 16.7 million undistorted colors, a superior static contrast ratio of 3000:1 and a 50M:1 MEGA Dynamic Contrast Ratio for enhanced clarity in the darkest and brightest of images, and 176°/176° wide-angle color consistency for uncompromising image quality at virtually any angle.

# 28" Full HD LED Dual HDMI/MHL Display

**VX2858Sml**



## Full HD 1080p for Superior Pixel Performance

The ViewSonic VX2858Sml features Full HD 1920x1080 resolution for unbelievable pixel-by-pixel image performance. You'll experience the most amazing clarity and detail whether it be while gaming or enjoying the latest in multimedia entertainment.



## ViewSonic® Flicker-free Technology

ViewSonic flicker-free displays nearly eliminate screen flickering at all brightness levels by providing a constant LED light source. This lets you work at your computer, play games, or watch movies longer – without eye fatigue.

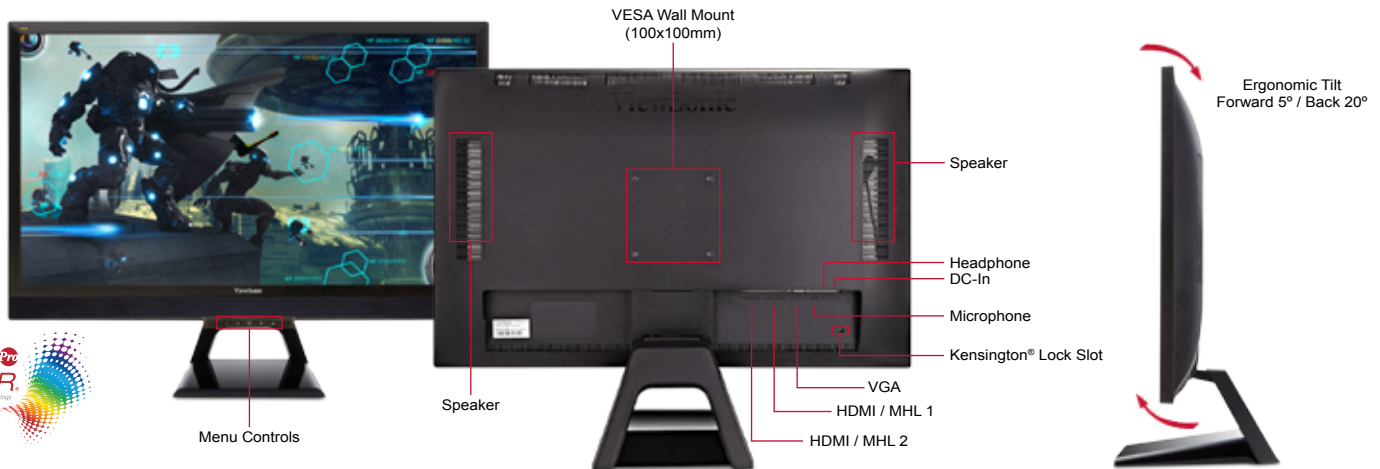
## ViewMode™ Settings for Enhanced On-screen Content

Game, Movie, Web, Text, and Mono presets enhance black levels in games and movies, color luster for online images, and color temperature for reading text.



## Blue Light Filter for More Comfortable Viewing

ViewSonic displays feature a Blue Light Filter setting that allows users to adjust the amount of blue light emitted from the screen, enabling longer viewing times and increased eye comfort for work and multimedia applications.



## Specifications

|                      |  |                        |   |
|----------------------|--|------------------------|---|
| <b>LCD PANEL</b>     |  | Type                   | Color active matrix VA type TFT LCD   |
|                      |  | Display Area           | 24.4" horizontal x 13.4" vertical; 28" diagonal   |
|                      |  | Optimum Resolution     | 1920x1080   |
|                      |  | Brightness             | 300 cd/m2 (typ.)  |
|                      |  | Contrast Ratio         | 3000:1 (typ.)   |
|                      |  | Dynamic Contrast Ratio | 50,000,000:1  |
|                      |  | Viewing Angles         | 176° horizontal, 176° vertical  |
|                      |  | Colors                 | 16.7M (true 8-bit)  |
|                      |  | Response Time          | 6ms (GTG)   |
|                      |  | Backlight              | White-light LED   |
|                      |  | Backlight Life         | 40,000 hours (min.)   |
|                      |  | Panel Surface          | Anti-glare, hard-coating (3H)   |
| <b>VIDEO INPUT</b>   |  | Analog                 | RGB analog (0.7 / 1.0 Vp-p, 75 ohms)  |
|                      |  | Digital                | HDMI / MHL 2.0  |
|                      |  | Frequency              | Fh: 24~82kHz, Fv: 50~75Hz   |
|                      |  | Sync                   | Separate Sync, Composite Sync, Sync on Green  |
| <b>AUDIO OUTPUT</b>  |  | Speakers               | 2-watt (x2)   |
| <b>COMPATIBILITY</b> |  | PC                     | Up to 1920x1080 non-interlaced  |
|                      |  | Mac®                   | Up to 1920x1080   |
| <b>CONNECTOR</b>     |  | Video Analog           | 15-pin mini D-sub (VGA)   |
|                      |  | Video Digital          | HDMI / MHL (x2)   |
|                      |  | Audio In               | 3.5mm mini jack   |
|                      |  | Audio Out              | 3.5mm mini jack   |
|                      |  | Power                  | External power adapter  |
| <b>CONTROLS</b>      |  | Front Panel Buttons    | 1, 2, Power, Down, Up   |
|                      |  | OSD                    | Auto Image Adjust, Contrast/Brightness, Input Select, Audio Adjust, Color Adjust, Information, Manual Image Adjust, Setup Menu, Memory Recall (See user guide for complete OSD functionality) |

|  |                        |   |
|--|------------------------|---|
| <b>ERGONOMICS</b>  | Tilt                   | Forward 5° / Back 20°                               |
| <b>POWER</b>   | Voltage                | AC 100–240V (universal), 50 / 60Hz                  |
|  | Consumption            | 42W (typ.) / 46W (max.)                             |
|  | Optimize               | 31W (typ.)  |
|  | Conserve               | 27W (typ.)  |
| <b>OPERATING CONDITIONS</b>  | Temperature            | 32–104° F (0–40° C)                                 |
|  | Humidity               | 10–90% (non-condensing)                             |
| <b>DIMENSIONS (W x H x D)</b>  | Physical with Stand    | 26.0 x 20.1 x 9.5 in. / 659.96 x 510.58 x 242.13 mm |
|  | Physical without Stand | 26.0 x 16.2 x 2.0 in. / 659.96 x 411.48 x 50.8 mm   |
|  | Packaging              | 28.8 x 18.9 x 6.5 in. / 732 x 479 x 165 mm          |
| <b>WEIGHT</b>  | Net with Stand         | 10.1 lb. / 4.6 kg                                   |
|  | Net without Stand      | 8.7 lb. / 3.9 kg                                    |
|  | Gross                  | 15.4 lb. / 7.0 kg                                   |
| <b>REGULATIONS</b>   |                        |   |
| CE EMC, CB, RoHS Green BOM, ErP (2009/125/EC), REACH SVHC List, WEEE, BSMI, PSB, C-tick, GEMS, US NRTL w/ CA (cULus/CTUVus/cETLus/cBVus), FCC-B w/ ICES003, ENERGY STAR® 6.0, EPEAT Silver, Mexico, Mexico Energy, NRCAN (Energy Efficiency), Custom Union, UkrSEPRO + DoC, CCC, CEL Level 1, Windows8 |                        |   |
| <b>RECYCLE/DISPOSAL</b>  |                        |   |
| Please dispose of in accordance with local, state, or federal laws   |                        |   |
| <b>WALL MOUNT</b>  | VESA®                  | 100 x 100 mm  |
| <b>WARRANTY</b>  |                        |   |
| Three-year limited warranty on parts, labor and backlight  |                        |   |

## What's in the box?

VX2858Sml display, AC/DC adapter, power cable, audio cable, VGA cable, MHL cable (5-pin), Quick Start Guide, ViewSonic Wizard CD (User Guide)

\*MHL not compatible with Apple devices. May require proprietary cables for functionality. Programs, specifications and availability are subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2014 ViewSonic Corporation. All rights reserved. [17276-00B-06/14]

[www.viewsonic.com](http://www.viewsonic.com)

