

28" Full HD SuperClear® Pro display with Dual HDMI (MHL) ports



VX2858Sml



The ViewSonic VX2858Sml is a 28" (28" viewable) Full HD 1080p display designed for entertainment and multimedia applications. Equipped with SuperClear® Pro technology, true 8-bit colours, and a 3000:1 static contrast ratio, the VX2858Sml delivers superior colour performance with excellent colour 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 basic connection to gaming consoles, set-top boxes, and other multimedia peripherals, while a VGA port provides legacy connectivity. ViewSonic's proprietary Flicker-Free technology and Blue Light Filter helps to eliminate eye strain from extended viewing periods. Delivering the ultimate in screen performance and advanced connectivity options, the



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VX2858Sml is a premium entertainment display for the most demanding of users.

Dual HDMI for greater home entertainment flexibility

Dual HDMI lets you connect to game consoles, Blu-ray players, digital cameras, laptops, satellite boxes, and other high-definition devices. This provides flexible installation that allows users to set up an entertainment center around the VX2858Sml. In addition, the dual HDMI ports can also function as MHL ports for easy connectivity to mobile devices.



MHL functionality for easy connection 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. 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 Colours, Better Colour Gradients, and Sharper Images

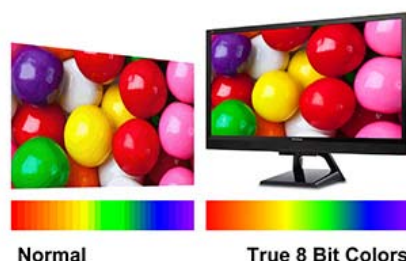
SuperClear® Pro technology provides True 8-bit colour performance that displays 16.7 million undistorted colours, a superior static contrast ratio of 3000:1 for enhanced clarity of detail in the darkest and brightest of images, and wide-angle colour consistency for uncompromising image quality at virtually any angle.



SuperClear® Pro

True 8-bit performance for 16.7-million colours

The ViewSonic VX2858Sml utilizes an 8-bit scalar to display 16.7 million true colours on-screen. 8-bit colour performance enables smoother gradients and more stable colour transitions, ultimately delivering stunning visuals when compared to conventional displays.



Normal

True 8 Bit Colors



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Better colour depth with 3000:1 static contrast ratio

An ultra-high static contrast ratio of 3000:1 offers a wider range of greyscale to show deeper, richer colours with more visible details in shadows and highlights. With a ratio 3-times higher than standard panels, the VX2858Sml can display vivid and realistic images for photo editing, watching movies, or any multimedia application.



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. A 16:9 widescreen ratio minimizes eye fatigue even after hours of playtime, and is perfectly compatible with multi-window viewing without toggling.



ViewSonic Flicker-Free viewing for improved eye comfort

ViewSonic flicker-free displays deliver on the promise of more comfortable viewing. Rather than using Pulse Width Modulation that continuously turns the LED backlight on and off, ViewSonic flicker-free displays use DC modulation backlights that maintain a steady stream of direct current power—nearly eliminating 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 digital content

Enjoy excellent performance and accurate colour rendering for everything you view on this display. With 5 different scenario presets, ViewSonic displays offer best-in-class calibration techniques to bring you the best digital viewing experience. This includes Game, Movie, Web, Text, and Mono presets to enhance black levels in games and movies, colour luster for online images, and colour temperature for reading text.



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Blue Light Filter for more comfortable viewing

Prolonged exposure to certain levels of blue light can cause eye discomfort. 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.



Planet-Friendly Mercury-Free LED Backlighting

LED backlighting enhances display performance, delivers an outstanding colour range, and adjusts contrast ratios for remarkably detailed images. ViewSonic's eco-friendly, mercury-free LED backlighting further conserves up to 25%* more energy when compared to conventional displays. In addition, LED backlighting provides for a slim, lightweight profile that saves desktop space.



Eco-mode Conserves More Energy

ViewSonic's proprietary Eco-mode feature is built into all LED displays, offering options to select "Optimise (31W)" or "Conserve (27W)" settings that save power. Especially in low ambient light, Eco-mode adjusts brightness and improves visibility, while reducing eye fatigue and prolonging the display's lamp life. With Eco-mode, both lamp replacement and energy expenditures are reduced.



Dual Integrated Stereo Speaker

The ViewSonic VX2858Sml has two integrated 2W stereo speakers for enhanced multimedia performance with crystal-clear stereo sound.



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VESA-Mountable

The ViewSonic VX2858Sml features a 100 x 100mm VESA-mountable design that allows you to mount the display on a monitor stand or on a wall, depending on your specific needs. You can easily unscrew the base, and then mount the display on its new stand or wall mount.



Technical Specifications

LCD	Type	28" diagonal color active matrix TFT LCD - VA Type
	Display Area	28 inch
	Optimum Resolution	1920x1080
	Contrast Ratio	3000 :1, 50,000,000:1 (DCR)
	Brightness	300 cd/m ² (typ)
	Viewing Angles	176° / 176° (Typ.)
	Response Time	3.8ms (GTGσ)
	Panel Surface	Anti-Glare type, Hard-coating (3H)
	Light Source	40,000 Hrs (Min)
	Colors	16.7 M (true 8-bit)
Video Input	Analog	RGB Analog (75 ohms, 0.7 / 1.0 Vp-p)
	Digital	MHL(MHL2.0)
	Frequency	Fh: 24-82KHz; Fv: 50-75Hz
	Sync	Separate Sync/Composite Sync/Sync on Green

Compatibility



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	PC Mac	PC Compatibles (VGA up to 1920x1080 Non Interlaced) Power Mac (up to 1920x1080)
Connector	Analog	DB-15 x1
	Digital	HDMI x2 (MHL2.0 compatible)
	Audio	Out: 3.5mm plug x1; In:3.5mm plug x1
	Power	External Power Adapter x1
Audio	Speakers	2W x2
Power	Voltage	AC 100-240V (Universal); 50/60 Hz
	Consumption	42 W (without Audio); Optimise:31 W (typ); Conserve: 27W
Operating Conditions	Temperature	32°F to 104°F (0°C to 40°C)
	Humidity	10% to 90% (no condensation)
Dimensions	Physical	659.96mm (width) x 510.58mm (height) x 242.13mm (depth)
Weight	Net	4.6 kg
Regulations		C-tick, CCC,BSMI,CEL Level 1,Windows 8
Wall Mount		VESA [®] 100x100 mm
Package Contents		LCD Display, AC/ DC Adapter, Power Cable, Audio Cable, VGA Cable, MHL Cable, Quick Start Guide, ViewSonic Wizard CD-ROM *Actual content may differ from market to market

