# VP2458

ViewSonic 23.8" IPS Full HD 1920x1080 100% sRGB Professional Monitor, DP, HDMI

## Product Overview

ViewSonic VP2458 23.8" IPS Full HD 1920x1080 100% sRGB Professional Monitor, IPS technology panel Type, 1 000:1 static contrast ratio, 250 nits brightness, 16:9 Aspect Ratio, 5ms response time (typical GTG), 178 degrees viewing angles, 60Hz Refresh Rate, 1x VGA, 2x USB 3.2 Type-A down Stream, 1x USB 3.2 Type-B up Stream, 1x HDMI 1.4, 1x DisplayPort, 100 x 100 mm VESA compatible, Height adjust, Swivel, Tilt, Pivot










## Specifications

**Overview:**

**VP2458 - 24" 100% sRGB Professional Monitor**

- Delta E < 2 colour accuracy
- Hardware colour calibration
- Ergonomic stand with auto pivot
- Frameless bezel
- Detachable Base

**Features:**

The ViewSonic VP2458 is a professional-grade 24" (23.8" viewable) Full HD monitor designed for enterprise professionals.

The monitor's SuperClear IPS panel technology offers 100% sRGB colour coverage and Delta E

**A Color Gamut that Aligns with Industry Standards**
A 100%* sRGB color coverage breeds rich and vivid colors, ensuring that images stay perfectly aligned with industry standards.

**100% sRGB**
*Percentages have been rounded to the nearest integer and calculated by using the specifications as provided by the panel makers.

**Colorbration+ Long-term Color Consistency**
ViewSonics Colorbration+ offers hardware calibration that aligns communication between the graphics card and the monitor to ensure long-term consistency and accurate colors on ViewSonic ColorPro monitors.

**Superior Color Reproduction**
Delta E

**Delta E**
Imagery has been simulated for demonstration purposes

**An Ergonomic Design with Auto Pivot Function**
A full range of swivel, pivot, tilt, and height adjustment allows you to find the most comfortable positioning of the monitor. The built-in G sensor allows screen images to pivot automatically and fill the screen when positioned vertically.

**Swivel Pivot Tilt Height Adjustment**
Imagery has been simulated for demonstration purposes

**Seeing without Boundaries**
Its 4-sided frameless design creates a seamless and full visual experience when using side-by-side and multi-monitor setups without the distraction of a border. Users can enjoy a clean and smooth editing experience when refining content.

**A Comfortable Viewing Experience**
ViewSonics Flicker-Free and Blue Light Filter technologies help to combat eye fatigue over extended periods of viewing.

**An Easy and Smart Way to Assemble Your Monitor**
Your setup of VP2458 completes with a detachable base. Only requiring a screw keep the monitor in place, no extra tools needed. Simple, easy, and smart.

**Environmentally Friendly Packaging**
This monitor is shipped in eco-friendly, biodegradable, paper-based packaging that cuts down on recycling costs and delivers a reduced environmental footprint. An easy-open box streamlines unpacking for instant out-of-the-box monitor setup. Mono color printing is also used on the exterior of the packaging.

*The packaging for the VP2458 is made with up to 80% recyclable and paper-based materials instead of hazardous EPS (polystyrene).

**High Definition Clarity**
The VP2458 features a 24" Full HD 1920x1080 resolution panel for an unbelievably clear pixel-by-pixel performance. Experience the amazing clarity and detail in picture performance.

**SuperClear IPS Panel Technology**
Enjoy steady image from all angles with SuperClear IPS Panel Technology, where color shift is minimized to provide you with

consistent colors throughout its 178 degrees ultra-wide viewing angle.

**Versatile Connectivity**
HDMI, USB 3.1, DisplayPort, and VGA inputs provide connection flexibility.

**Individualized Color Calibration Report**
Every unit comes pre-calibrated from factory and comes with an individualized color performance report.

**Specifications:**

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| Specifications | |
|---|---|
| **Product Code** | VP2458 |
| **Display** | |
| **Display Size (in.)** | 24 |
| **Viewable Area (in.)** | 23.8 |
| **Panel Type** | IPS Technology |
| **Resolution** | 1920 x 1080 |
| **Resolution Type** | FHD (Full HD) |
| **Static Contrast Ratio** | 1,000:1 (typ) |
| **Dynamic Contrast Ratio** | 20M:1 |
| **Light Source** | LED |
| **Brightness** | 250 cd/m² (typ) |
| **Colors** | 16.7M |
| **Color Space Support** | 8 bit (6 bit + A-FRC) |
| **Aspect Ratio** | 16:9 |
| **Response Time (Typical GTG)** | 5ms |
| **Response Time (GTG w/OD)** | 5ms |
| **Viewing Angles** | 178º horizontal, 178º vertical |
| **Backlight Life (Hours)** | 30000 Hrs (Min) |
| **Curvature** | Flat |
| **Refresh Rate (Hz)** | 60 |
| **Blue Light Filter** | Yes |
| **Flicker-Free** | Yes |
| **Color Gamut** | Adobe RGB: 85% size / 78% coverage (Typ) |
| **DCI-P3** | 84% size / 84% coverage (Typ) |
| **EBU** | 112% size / 99% coverage (Typ) |
| **REC709** | 114% size / 100% coverage (Typ) |

| | |
|---|---|
| **SMPTE-C** | 123% size / 100% coverage (Typ) |
| **NTSC** | 80% size (Typ) |
| **sRGB** | 114% size / 100% coverage (Typ) |
| **Pixel Size** | 0.275 mm (H) x 0.275 mm (V) |
| **Surface Treatment** | Anti-Glare, Hard Coating (3H) |
| **Compatibility** | |
| **PC Resolution (max)** | 1920x1080 |
| **Mac Resolution (max)** | 1920x1080 |
| **PC Operating System** | Windows 7/8/8.1/10 certified, macOS tested |
| **Mac Resolution (min)** | 1920x1080 |
| **Connector** | |
| **VGA** | 1 |
| **USB 3.2 Type A Down Stream** | 2 |
| **USB 3.2 Type B Up Stream** | 1 |
| **HDMI 1.4** | 1 |
| **DisplayPort** | 1 |
| **Power in** | 3-pin Socket (IEC C14 / CEE22) |
| **Power** | |
| **Eco Mode (Conserve)** | 11.5W |
| **Eco Mode (optimized)** | 14W |
| **Consumption (typical)** | 17.5W |
| **Consumption (max)** | 19.5W |
| **Voltage** | AC 100-240V |
| **Stand-by** | 0.3W |
| **Power Supply** | Internal Power Supply |
| **Additional Hardware** | |
| **Kensington Lock Slot** | 1 |
| **Cable Organization** | Yes |
| **Controls** | |
| **Physical Controls** | Key 1, Key 2, Key 3, Key 4, Key 5, Key 6 (power) |
| **On Screen Display** | Input Select, ViewMode, Color Adjust, Manual Image Adjust, Setup Menu |
| **Operating Conditions** | |
| **Temperature** | 32 degreesF to 104 degreesF (0 degreesC to 40 degreesC) |
| **Humidity (non-condensing)** | 20% to 90% |
| **Wall Mount** | |
| **VESA Compatible** | 100 x 100 mm |
| **Input Signal** | |

| | |
|---|---|
| **Frequency Horizontal** | 55 ~ 90KHz |
| **Frequency Vertical** | 48 ~ 75Hz |
| **Video Input** | |
| **Digital Sync** | TMDS - HDMI (v1.4), PCI-E - DisplayPort (v1.2) |
| **Analog Sync** | Separate/Composite/SOG - RGB Analog |
| **Ergonomics** | |
| **Height Adjust (mm)** | 130 |
| **Swivel** | 120º |
| **Tilt (Forward/Back)** | -5º / 21º |
| **Pivot (Right/Left)** | 90º / 90º |
| **Weight (imperial)** | |
| **Net (lbs)** | 12.6 |
| **Net Without Stand (lbs)** | 6.9 |
| **Gross (lbs)** | 19 |
| **Weight (metric)** | |
| **Net (kg)** | 5.7 |
| **Net Without Stand (kg)** | 3.1 |
| **Gross (kg)** | 8.6 |
| **Dimensions (imperial) (wxhxd)** | |
| **Packaging (in.)** | 27.2 x 15 x 8.1 |
| **Physical (in.)** | 21.2 x 16.68~20.53 x 8.5 |
| **Physical Without Stand (in.)** | 21.2 x 12.2 x 1.9 |
| **Dimensions (metric) (wxhxd)** | |
| **Packaging (mm)** | 690 x 380 x 205 |
| **Physical (mm)** | 539 x 423.73~521.57 x 215 |
| **Physical Without Stand (mm)** | 539 x 311 x 48 |
| **General** | |
| **Regulations** | cTUVus, FCC-B, ICES003, Energy Star, EPEAT, CEC, MX-CoC, Mexico Energy, CE, CE EMC, CB, RoHS, ErP, REACH, WEEE, EAC, UkrSEPRO, UKCA, BSMI, VCCI, PSE, CCC, China RoHS, China Energy Label |
| **PACKAGE CONTENTS** | VP2458 x1, 3-pin Plug (IEC C13 / CEE22) x1, DisplayPort Cable (v1.2, Male-Male) x1, USB A/B Cable (v3.2, Male-Male) x1, Quick Start Guide x1 |
| **Power Management** | Energy Star standards, EPEAT |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://www.comx-computers.co.za/VP2458-ViewSonic-23-8-IPS-Full-HD-1920x1080-100-sRGB-Professional-Monitor-DP-HDMI-p-270747.php**

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