

Samsung Essential S4 S24D402GAU(LS24D402GAUXEN)

Samsung Essential S4 S24D402GAU - S40GD Series - LED monitor - 24" - 1920 x 1080 Full HD (1080p) @ 100 Hz - IPS - 250 cd/m² - 1000:1 - 5 ms - 2xHDMI, DisplayPort - black



The Samsung Essential S4 is designed to elevate the desktop viewing experience with its 24-inch Full HD display. With a native resolution of 1920 x 1080 and an image brightness of 250 cd/m², it delivers vibrant visuals and crisp details. The TFT active matrix technology provides a horizontal and vertical viewing angle of 178 degrees, ensuring consistent image quality from various positions. This monitor is equipped with features such as game mode, Mega Dynamic Contrast Ratio, and Flicker-Free technology that enhance performance and reduce eye strain, making it ideal for both work and play. Ergonomically designed, the display offers adjustments including height, tilt, swivel, and pivot options for comfortable viewing angles. Its built-in USB 2.0 hub allows for easy connectivity to peripheral devices. With a sleek and slim design, it fits well in any workspace, while the energy-saving features help to minimize power consumption, making it an environmentally conscious choice. The Samsung Essential S4 blends style and functionality, making it a suitable addition to any desktop setup.

Key Selling Points

- 24-inch Full HD display with 1920 x 1080 resolution
- Wide viewing angles of 178 degrees for consistent image quality
- Built-in USB 2.0 hub for easy connectivity
- Multiple ergonomic adjustments for comfortable viewing
- Energy-saving features to reduce power consumption

Product Features

Stunning display quality

The monitor features a native resolution of 1920 x 1080 and an image brightness of 250 cd/m², delivering sharp and vibrant visuals for enhanced viewing experiences.

Versatile connectivity options

Equipped with multiple interfaces including HDMI and DisplayPort, it supports various input signals, making it easy to connect to different devices.

Enhanced comfort settings

With height adjustment, tilt, swivel, and pivot capabilities, this monitor allows for a customizable setup that promotes comfort during long hours of use.

Eye-friendly features

The Flicker-Free technology and Eye Saver Mode help to lessen eye fatigue during extended viewing sessions, making it suitable for both work and entertainment.

Eco-conscious design

Constructed with 16.9% recycled plastic, this monitor is designed with sustainability in mind, while also meeting TCO certified Edge standards.

Main Specifications

Product Description	Samsung Essential S4 S24D402GAU - S40GD Series - LED monitor - Full HD (1080p) - 24"
Device Type	LED-backlit LCD monitor - 24"
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2109454
Energy Class	Class C
Energy Consumption per Year	18 kWh
Features	USB 2.0 hub
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.2767 mm
Brightness	250 cd/m ²

Contrast Ratio	1000:1
Response Time	5 ms (grey-to-grey)
Colour Support	16.7 million colours
Colour Gamut	72% (CIE 1931)
Input Connectors	2xHDMI, DisplayPort
Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Voltage	AC 100-240 V
Colour	Black
Dimensions (WxDxH) - with stand	54.07 cm x 21.9 cm x 49.77 cm
Weight	3.5 kg
Compliant Standards	TCO Certified Edge, HDCP 1.2

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2109454
Energy Class	Class C
Energy Consumption per Year	18 kWh
Diagonal Size	24"
Built-in Devices	USB 2.0 hub
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 100 Hz
Pixel Pitch	0.2767 mm
Brightness	250 cd/m ²
Contrast Ratio	1000:1
Colour Support	16.7 million colours
Colour Gamut	72% (CIE 1931)
Response Time	5 ms (grey-to-grey)
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Backlight Technology	LED backlight
Features	Energy Saver, Eye Saver Mode, Flicker Free technology, Image Size, Off Timer Plus, Auto Source Switch, game mode, Super Slim Design, Mega Dynamic Contrast Ratio
Colour	Black
Dimensions (WxDxH)	54.07 cm x 21.9 cm x 49.77 cm - with stand
Weight	3.5 kg

Miscellaneous

Features	Security lock slot (cable lock sold separately), 16.9% recycled plastic
Cables Included	1 x HDMI cable 1 x DisplayPort cable
Compliant Standards	TCO Certified Edge, HDCP 1.2
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 100-240 V
Power Consumption SDR (On mode)	12 kWh/1000h
Power Consumption (Typical)	12 Watt

Power Consumption (Max)	45 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	40 °C
Humidity Range Operating	10 - 80% (non-condensing)

Connectivity

Interfaces	2 x HDMI (HDCP 1.4) † DisplayPort 1.2 (HDCP 1.2) † Headphone jack (mini-jack) † 2 x USB 2.0 downstream † USB 2.0 upstream (Type B)
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Dimensions & Weight

Dimensions & Weight Details	With stand - width: 54.07 cm - depth: 21.9 cm - height: 49.77 cm - weight: 3.5 kg † Without stand - width: 54.07 cm - depth: 3.98 cm - height: 32.04 cm - weight: 2.3 kg
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Dimensions & Weight (Shipping)

Shipping Width	58.5 cm
Shipping Depth	44.7 cm
Shipping Height	10.9 cm
Shipping Weight	4.8 kg

Mechanical

Display Position Adjustments	Height, pivot (rotation), swivel, tilt
Tilt Angle	-3/+25
Swivel Angle	90
Rotation Angle	184
Height Adjustment	105 mm
VESA Mounting Interface	100 x 100 mm

What's in the box

Samsung Essential S4 S24D402GAU
HDMI cable
DisplayPort cable

*TD SYNEX is not responsible for errors in the documentation of products.