

Samsung Essential S3 S24D310EAU(LS24D310EAUXXU)

Samsung Essential S3 S24D310EAU - S31D Series - LED monitor - 24" - 1920 x 1080 Full HD (1080p) @ 75 Hz - VA - 250 cd/m² - 3000:1 - 5 ms - HDMI, VGA - black



The Samsung Essential S3 S24D310EAU 24-inch desk monitor offers a brilliant Full HD 1080p resolution that brings images to life with exceptional clarity. Featuring a sleek design and advanced TFT active matrix technology, this monitor delivers an image brightness of 250 cd/m² and a contrast ratio of 3000:1, making it suitable for both work and entertainment. Experience smooth visuals with a response time of 5 ms and support for a 75 Hz refresh rate, ensuring that fast-moving scenes are rendered seamlessly.

Equipped with game mode, Flicker-Free technology, and Eye Saver Mode, this monitor is designed to enhance the viewing experience while reducing eye strain. The wide viewing angles of 178 degrees horizontally and vertically provide consistent picture quality from various positions, making it a perfect choice for multi-user environments. With eco-friendly features such as Eco Saving Plus and a low power consumption rate, the Samsung Essential S3 S24D310EAU is an addition to any workspace or home setup.

Key Selling Points

- 24-inch Full HD 1080p display for vibrant visuals
- Game mode and Flicker-Free technology enhance gaming experience
- Wide viewing angles reduce distortion and enhance collaboration
- Eco Saving Plus reduces energy consumption for sustainability
- Tilt-adjustable design offers flexibility in positioning

Product Features

- Stunning brightness**
The monitor features an image brightness of 250 cd/m², providing clear and vivid images that stand out in various lighting conditions.
- Impressive contrast ratio**
With a contrast ratio of 3000:1, this monitor delivers deeper blacks and brighter whites, enhancing image quality and detail.
- Enhanced viewing comfort**
Flicker-Free technology and Eye Saver Mode work together to reduce eye strain during extended use, ensuring a comfortable viewing experience.
- Versatile connectivity options**
The monitor supports HDMI and VGA inputs, allowing for easy connections to multiple devices and simple integration into any setup.
- Adjustable tilt feature**
The monitor supports a tilt angle adjustment of -5 to +21 degrees, enabling users to find the optimal viewing angle for their needs.

Main Specifications

Product Description	Samsung Essential S3 S24D310EAU - S31D 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/2108715
Energy Class	Class D
Energy Consumption per Year	20 kWh
Panel Type	VA
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 75 Hz
Brightness	250 cd/m²
Contrast Ratio	3000:1
Response Time	5 ms (grey-to-grey)
Colour Support	16.7 million colours
Colour Gamut	72% NTSC (CIE 1976)

Input Connectors	HDMI, VGA
Display Position Adjustments	Tilt
Voltage	AC 100-240 V
Colour	Black
Dimensions (WxDxH) - with stand	55.06 cm x 18.69 cm x 40.58 cm
Weight	2.8 kg
Compliant Standards	TUV

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2108715
Energy Class	Class D
Energy Consumption per Year	20 kWh
Diagonal Size	24"
Panel Type	VA
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 75 Hz
Brightness	250 cd/m²
Contrast Ratio	3000:1
Colour Support	16.7 million colours
Colour Gamut	72% NTSC (CIE 1976)
Response Time	5 ms (grey-to-grey)
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Backlight Technology	LED backlight
Features	Game mode, Mega Dynamic Contrast Ratio, Flicker Free technology, Eco Saving Plus, Eye Saver Mode, Off Timer Plus, Wide Viewing Angle
Colour	Black
Dimensions (WxDxH)	55.06 cm x 18.69 cm x 40.58 cm - with stand
Weight	2.8 kg

Miscellaneous

Features	Security lock slot (cable lock sold separately)
Cables Included	1 x HDMI cable
Compliant Standards	TUV
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 100-240 V
Power Consumption SDR (On mode)	14 kWh/1000h
Power Consumption (Typical)	14 Watt
Power Consumption (Max)	25 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	VGA (HD-15) ¦ HDMI (HDCP 1.4)
------------	-------------------------------

Dimensions & Weight

Dimensions & Weight Details	With stand - width: 55.06 cm - depth: 18.69 cm - height: 40.58 cm - weight: 2.8 kg ¦ Without stand - width: 55.06 cm - depth: 4.38 cm - height: 33.1 cm - weight: 2.5 kg
-----------------------------	--

Dimensions & Weight (Shipping)

Shipping Width	61.7 cm
Shipping Depth	42 cm
Shipping Height	11.7 cm
Shipping Weight	4.6 kg

Mechanical

Display Position Adjustments	Tilt
Tilt Angle	-5/+21
VESA Mounting Interface	75 x 75 mm

What's in the box

Samsung Essential S3 S24D310EAU
HDMI cable

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet