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Product Specification Sheet

SAMSUNG LS49FG910E

Samsung FG910E 49" Odyssey G9 G91F DQHD Gaming Monitor

Product Overview

Samsung LS49FG910E 49" Odyssey G9 G91F DQHD Gaming Monitor; Borderless; 144Hz; 1000R; 5120x1440; GTG 1ms; HDR600; HAS; HDR 10 +











Specifications

About this product

The Samsung LS49FG910E 49 inch Odyssey G9 G91F DQHD gaming monitor delivers an ultra wide 5120 x 1440 resolution with a 1000R curved VA panel, 144Hz refresh rate, and 1ms GTG response time for smooth, immersive gameplay. Featuring VESA DisplayHDR600 and HDR10+ support, this monitor enhances contrast and detail for realistic visuals. Buy this Samsung Odyssey G9 gaming monitor online today for ultra immersive gaming and productivity in South Africa.

Overview Summary

Samsung Odyssey G9 G91F 49 inch DQHD Curved Gaming Monitor

The Samsung Odyssey G9 G91F is designed for gamers and professionals who demand a large immersive display with exceptional performance. Its 49 inch ultra wide 32:9 screen with a 1000R curvature surrounds your field of view, delivering a panoramic experience equivalent to dual monitors without bezels. The DQHD resolution ensures sharp detail across a wide workspace, ideal for multitasking, gaming, and content creation.

With a fast 144Hz refresh rate and 1ms response time, this monitor delivers smooth visuals with reduced motion blur, making it ideal for competitive gaming. HDR600 and HDR10+ enhance brightness and contrast, while AMD FreeSync Premium Pro ensures tear free performance during intense gameplay.

Performance tier: High-end

Uses:gaming, sim racing, multitasking, trading setups, content creation

Quick Specifications:

- Screen size: 49 inches
- Flat or curve: Curved 1000R
- Panel type: VA
- Aspect ratio: 32:9
- Resolution: 5120 x 1440
- Refresh rate: 144Hz
- Brightness (nits): 350 nits
- Contrast ratio: 2500:1
- View angle (degrees): 178
- Response time (ms): 1 ms
- Frequency (Hz): 144 Hz
- Sync: AMD FreeSync Premium Pro
- Video ports: 1 x DisplayPort, 2 x HDMI
- VESA: Yes
- Monitor performance tier: High-end
- Uses: gaming, multitasking, content creation, trading setups

Strong reasons to buy

- Massive 49 inch ultra wide display replaces dual monitor setups
- 1000R curvature enhances immersion and reduces eye strain
- 144Hz refresh rate and 1ms response for smooth gaming
- HDR600 and HDR10+ deliver improved contrast and brightness
- Picture by Picture and Picture in Picture for multitasking

- FreeSync Premium Pro reduces screen tearing and stutter

Description

The Samsung Odyssey G9 G91F is built for users who want maximum screen real estate without compromising on performance. Its 49 inch curved display with a 32:9 aspect ratio provides an expansive workspace that can replace two traditional monitors, making it ideal for both productivity and immersive gaming setups.

The 1000R curvature closely matches the natural curve of the human eye, improving viewing comfort during long sessions. With a DQHD resolution of 5120 x 1440, users benefit from crisp visuals across the entire screen, whether gaming, editing content, or managing multiple applications simultaneously.

Performance is a key strength, with a 144Hz refresh rate and 1ms response time delivering smooth motion and reduced ghosting. HDR600 and HDR10+ technologies enhance brightness and contrast, ensuring that dark and bright scenes are displayed with greater depth and clarity. Combined with AMD FreeSync Premium Pro, the monitor provides a fluid and responsive experience for demanding users.

Features

The Samsung Odyssey G9 G91F offers advanced features designed to enhance both gaming and productivity experiences.

- Ultra wide DQHD display: 5120 x 1440 resolution provides sharp visuals across a wide workspace
- 1000R curved screen: Matches natural eye curvature for immersive viewing
- 144Hz refresh rate: Smooth motion for fast paced gaming
- 1ms response time: Reduces motion blur and ghosting
- HDR600 and HDR10+: Enhanced brightness and contrast for realistic visuals
- FreeSync Premium Pro: Eliminates screen tearing and stuttering
- Picture by Picture and Picture in Picture: Efficient multitasking on one screen
- Auto Source Switch+: Automatically detects and switches inputs

Wrap yourself in greater detail
Immerse yourself in a panoramic gaming experience with a 1000R curved display. This ultra-wide 32:9 screen, equivalent to two side-by-side 16:9 monitors, delivers a full view of your enemies so you can stay one step ahead.

Explore hidden details in the shadows
Reveal the whole picture. DisplayHDR 600 delivers more contrast, with deeper blacks and brighter whites, so details shine with clarity even in the darkest scenes.

Minimized lag for more wins
Rank up in fast-paced games with ease. The 144Hz refresh rate and 1ms response time reduce lag and capture your moves, so you can game with ultra-smooth action.

Get smooth action without disruption
Keep your fast-action games fluid with variable refresh rate (VRR) and AMD FreeSync Premium Pro. The synced GPU and panel reduce choppiness, screen lag, and image tears, setting you up for even the most intense gaming sessions.

Side-by-side gameplay in one screen
Use your screen to its maximum potential with a split screen that lets you team up with friends in a whole new way.

Seamless multitasking with a subscreen
Manage all your content on a single screen. Picture-in-Picture allows you to pull up chats, videos and gaming tips on your main display, without the need for a second monitor.

Instant auto connect
Get to your game action faster with Auto Source Switch+. Your monitor detects when connected devices are turned on and instantly switches to the new source signal without having to flip through multiple inputs.

Maintain winning streaks with ease
Reach the height of winning in total comfort. Simply tilt and adjust your monitor until all enemies are in perfect view.

What's in the Box

- Samsung Odyssey G9 G91F 49 inch monitor
- Power cable
- DisplayPort cable
- User manual

Specifications

Overview	
Resolution	DQHD (5,120 x 1,440)
Aspect Ratio	32::9
Screen Curvature	1000R
Brightness (Typical)	350cd/²
Contrast Ratio Static	2500::1
Response Time	1ms(GTG)
Refresh Rate	Max 144Hz
Viewing Angle (Horizontal/Vertical)	178/178
Display	
Screen Size (Class)	49
Flat / Curved	Curved
Active Display Size (HxV)	1191.936 (H) x 335.232 (V) (mm)
Screen Curvature	1000R
Aspect Ratio	32::9
Panel Type	VA
Brightness (Typical)	350 cd/²
Brightness (Min)	280 cd/²
Contrast Ratio Static	2500::1
Contrast Ratio (Dynamic)	Mega DCR
HDR (High Dynamic Range)	VESA DisplayHDR 600
HDR10+	HDR10+ Gaming
Resolution	DQHD (5,120 x 1,440)
Response Time	1ms(GTG)
Viewing Angle (Horizontal/Vertical)	178/178
Colour Support	Max 1.07B

Color Gamut (DCI Coverage)	92% (CIE1976)
Refresh Rate	Max 144Hz
General Feature	
Energy Saving Solution	Yes
Eye Saver Mode	Yes
Flicker Free	Yes
Picture-In-Picture	Yes
Picture-By-Picture	Yes
Image Size	Yes
Windows Certification	Windows11
FreeSync	FreeSync Premium Pro
G-Sync	No
Off Timer Plus	Yes
Black Equalizer	Yes
Virtual AIM Point	Yes
Super Arena Gaming UX	Yes
Auto Source Switch	Auto Source Switch+
Adaptive Picture	Yes
Smart Service	
Smart Type	No
Interface	
Display Port	1 EA
Display Port Version	1.4
HDCP Version (DP)	2.2
HDMI	2 EA
HDMI Version	2.1
HDCP Version (HDMI)	2.2
Headphone	Yes
USB-C	No
USB-B Upstream Port	1
USB Type-A Downstream Port	2
USB Type-A Downstream Version	3.2 Gen1
Audio	
Speaker	No
Operation Conditions	
Temperature	10~40 degreesC
Humidity	10~80, non-condensing

Calibration	
Factory Tunning	Yes
Factory Calibration Report	Yes
Design	
Front Color	BLACK
Rear Color	BLACK
Stand Color	Black
Stand Type	HAS
HAS (Height Adjustable Stand)	120.0 mm (+/- 5.0 mm)
Tilt	-2.0degrees (+/- 2degrees) ~ +11.0degrees (+/- 2degrees)
Swivel	-15.0degrees (+/- 3degrees) ~ +15.0degrees (+/- 3degrees)
Wall Mount	100 x 100
Eco	
Recycled Plastic	10 ?
Power	
Power Supply	AC 100~240V
Power Consumption (Max)	180 W
Power Consumption (Typ)	45.0 W
Power Consumption (DPMS)	0.50 W
Power Consumption (Off Mode)	0.30 W
Power Consumption (Yearly)	66 kWh/year
Type	Internal Power
Dimension	
Set Dimension with Stand (WxHxD)	1147.6 x 568.4 x 420.5 mm
Set Dimension without Stand (WxHxD)	1147.6 x 363.5 x 293.8 mm
Package Dimension (WxHxD)	1265 x 343 x 481 mm
Weight	
Set Weight with Stand	15.6 kg
Set Weight without Stand	10.6 kg
Package Weight	20.6 kg
Accessory	
Power Cable Length	1.5 m
DP Cable	Yes

FAQ

Is the Samsung Odyssey G9 G91F good for gaming?

Yes, it is designed for gaming with a 144Hz refresh rate, 1ms response time, and FreeSync Premium Pro support for smooth and responsive gameplay.

Can this monitor replace dual monitors?

Yes, the 49 inch 32:9 ultra wide display is equivalent to two 27 inch monitors side by side, making it ideal for multitasking.

Does the monitor support HDR?

Yes, it supports VESA DisplayHDR600 and HDR10+, providing improved brightness, contrast, and colour depth.

What devices can be connected to this monitor?

The monitor supports multiple devices via DisplayPort and HDMI inputs, allowing connection to PCs, gaming consoles, and laptops.

Is the monitor suitable for office work?

Yes, its large screen and multitasking features like Picture by Picture make it ideal for productivity tasks such as trading, coding, and content creation.

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/SAMSUNG-LS49FG910E-Samsung-FG910E-49-Odyssey-G9-G91F-DQHD-Gaming-Monitor-p-335828.php

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