



LG UltraGear™ 32-inch 144Hz UHD 4K AI Smart Gaming Monitor | 1ms (GtG), webOS

32G810SA-W

Key Features

- 32-inch UHD 4K (3840x2160) IPS display
- 1ms (GtG) response time / 144Hz refresh rate
- webOS 24 with LG AI
- AI Picture / Dynamic Tone Mapping / AI Personalized Picture Wizard / AI Sound
- Unity Hexagonal Design with L stand
- AMD FreeSync™ Premium / NVIDIA® G-SYNC® Compatible



All Spec

DISPLAY

Size [Inch]	Aspect Ratio
31.5	16:9
Panel Type	Surface Treatment
IPS	Anti-Glare
Response Time	Resolution
1ms (GtG)	3840 x 2160
Pixel Pitch [mm]	Colour Depth (Number of Colours)
0.1818 x 0.1818	1.07B
Viewing Angle (CR≥10)	Brightness (Typ.) [cd/m²]
178º(R/L), 178º(U/D)	400
Contrast Ratio (Typ.)	Colour Gamut (Typ.)
1000:1	DCI-P3 95% (CIE1976)
Colour Gamut (Min.)	Refresh Rate (Max.) [Hz]
DCI-P3 90% (CIE1976)	144
Brightness (Min.) [cd/m²]	Contrast Ratio (Min.)
320	700:1
Colour Bit	Size [cm]
10bit (8bit+FRC)	80.0

CONNECTIVITY

Audio In	D-Sub
NO	NO

Built-in KVM
NO

HDMI
YES(2ea)

DisplayPort
YES(1ea)

Thunderbolt
NO

Headphone out
3-pole (Sound Only)

Line out
NO

SPDIF out (Optical Digital Audio Out)
NO

USB Upstream Port
YES (USB-C, 1ea)

USB-C (Max. Resolution at Hz)
3840x2160@144Hz

FEATURES

HDR 10
YES

Colour Weakness
YES

Flicker Safe
YES

Dynamic Action Sync
YES

Crosshair
YES

Reader Mode
YES

VRR
YES

VESA DisplayHDR™
DisplayHDR™ 400

Nano IPS™ Technology
NO

OverClocking
NO

RGB LED Lighting

DVI-D
NO

Daisy Chain
NO

DP Version
1.4

USB-C
YES(1ea)

LAN (RJ-45)
YES

Mic In
NO

USB Downstream Port
YES(2ea/ver2.0)

USB-C (Data Transmission)
YES

USB-C (Power Delivery)
65W

AMD FreeSync™
FreeSync Premium

Colour Calibrated in Factory
YES

NVIDIA G-Sync™
G-SYNC Compatible

Black Stabiliser
Black Stabilizer

Others (Features)
NO

FPS Counter
YES

Dolby Vision™
NO

Mini-LED Technology
NO

Advanced True Wide Pol.
NO

User Defined Key
YES

Camera

Hexagon Lighting	NO
Mic	HDR Effect
NO	YES

MECHANICAL

Display Position Adjustments Tilt/Height/Swivel/Pivot	Borderless Design 3-Side Virtually Borderless Design
Wall Mountable [mm] 100 x 100 mm	OneClick Stand YES

SOUND

Bluetooth Connectivity YES	DTS Headphone:X NO
Maxx Audio NO	Rich Bass NO
Speaker 5W x 2 → 7Wx 2	

DIMENSIONS/WEIGHTS

Dimension in Shipping (W x H x D) [mm] 938 x 183 x 519	Dimension with Stand (W x H x D) [mm] 714.6 x 624.1 x 249.1
Dimension without Stand (W x H x D) [mm] 714.6 x 428.5 x 67.7	Weight in Shipping [kg] 14.6 kg
Weight with Stand [kg] 10.5 kg	Weight without Stand [kg] 6.5 kg

INFO

Product name 32G810SA-W	Year 2024
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POWER

Power Consumption (Sleep Mode) 0.5W	Power Consumption (DC Off) Less than 0.5W
AC Input 100~240V (50/60Hz)	Type External Power(Adapter)
DC Output 20V/9A	

ACCESSORY

Adapter	Calibration Report (Paper)
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YES

Display Port

YES

D-Sub

NO

HDMI (Colour/Length)

White / 1.5m

Remote Controller

YES (Slim Remote)

USB A to B

NO

SMART FEATURES

Wi-Fi

YES

SW APPLICATION

LG Calibration Studio (True Colour Pro)

NO

OnScreen Control (LG Screen Manager)

NO

STANDARD

UL (cUL)

YES

KC (for Rep. of Korea)

YES

YES

DVI-D

NO

HDMI

YES

Power Cord

YES

Thunderbolt

NO

USB-C

YES(1ea)

LG UltraGear™ Studio

NO

CE

YES