

## Produktinformation



### Information



*Tillverkare* Eizo  
*Artnr* EV2451-BK

## EIZO FlexScan EV2451-BK - LED monitor - Full HD (1080p) - 23.8"

With even further improved energy efficiency, and an even thinner bottom bezel, the EV2451 combines space saving with energy saving. The monitor features ultra-slim bezels on the sides. Electrostatic switches are placed on the front of the monitor for easy adjustment of monitor settings. Furthermore the bezels are flush with the screen surface, making a completely flat screen perfect for multi-monitor configurations. Due to the way brightness is controlled on LED backlights, a small number of people perceive flicker on their screen which causes eye fatigue. The FlexScan EV series utilizes a hybrid solution to regulate brightness and make flicker unperceivable without any drawbacks like compromising color stability - even on low brightness settings. To prevent eye fatigue, a brightness sensor called Auto EcoView detects the changes in the ambient brightness that occurs throughout the day and automatically adjusts the screen to the ideal brightness level.

## Specifikation

### General

<b>Display Type</b>	LED-backlit LCD monitor / TFT active matrix
<b>Energy Class</b>	Class A++
<b>Power Consumption (On mode)</b>	13 W
<b>Diagonal Size</b>	23.8"
<b>Built-in Devices</b>	USB 3.0 hub
<b>Panel Type</b>	IPS
<b>Aspect Ratio</b>	16:9
<b>Native Resolution</b>	Full HD (1080p) 1920 x 1080
<b>Pixel Pitch</b>	0.275 mm
<b>Brightness</b>	250 cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1000:1
<b>Colour Support</b>	16.8 million colours
<b>Response Time</b>	5 ms (grey-to-grey)
<b>Vertical Refresh Rate</b>	55 - 76 Hz
<b>Horizontal Refresh Rate</b>	31 - 81 kHz

<b>Horizontal Viewing Angle</b>	178
<b>Vertical Viewing Angle</b>	178
<b>Backlight Technology</b>	LED backlight
<b>OSD Languages</b>	Chinese (traditional), Chinese (simplified), English, German, French, Italian, Swedish, Spanish, Japanese
<b>Features</b>	sRGB colour management, ClearView, HDCP, Auto EcoView, Flicker Free technology
<b>Colour</b>	Black
<b>Dimensions (WxDxH)</b>	53.77 cm x 19 cm x 32.27 cm - with stand
<b>Weight</b>	5.5 kg

#### Audio

<b>Type</b>	Speakers - stereo
<b>Output Power / Channel</b>	1 Watt

#### Connectivity

<b>Interfaces</b>	VGA DVI-D (HDCP) DisplayPort (HDCP) HDMI (HDCP) Headphones (mini-jack) 2 x USB 3.0 downstream (Type A) Audio line-in (mini-jack) USB 3.0 upstream (Type B)
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#### Mechanical

<b>Display Position Adjustments</b>	Height, pivot (rotation), swivel, tilt
<b>Tilt Angle</b>	-5/+35
<b>Swivel Angle</b>	344
<b>Rotation Angle</b>	90
<b>Height Adjustment</b>	172.7 mm
<b>VESA Mounting Interface</b>	100 x 100 mm

#### Miscellaneous

<b>Features</b>	CCFL (cold cathode fluorescent lamp)
<b>Included Accessories</b>	Cable management cover
<b>Cables Included</b>	1 x DisplayPort cable 1 x USB cable
<b>Compliant Standards</b>	FCC Class B certified, TUV, TUV GS, DVI DMPM, TUV S, VESA DPMS, CB, ICES-003 Class B, CCC, RoHS, WEEE, cTUVus, EPA, VCCI Class B, EAC, China RoHS, RCM, DisplayPort 1.1a

#### Power

<b>Voltage Required</b>	AC 120/230 V (50/60 Hz)
<b>Power Consumption Operational</b>	42 Watt
<b>Power Consumption Stand by</b>	0.5 Watt
<b>On / Off Switch</b>	Yes

#### Software / System Requirements

<b>Included Software</b>	EIZO Screen InStyle
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Dimensions & Weight

**Dimensions & Weight Details** With stand - width: 53.77 cm - depth: 19 cm - height: 32.27 cm - weight: 5.5 kg Without stand - width: 53.77 cm - depth: 4.55 cm - height: 31.31 cm - weight: 3.5 kg

Environmental Standards

**ENERGY STAR Certified** Yes

Manufacturer Warranty

**Service & Support** Limited warranty - 5 years

Environmental Parameters

**Min Operating Temperature** 5 °C

**Max Operating Temperature** 35 °C

**Humidity Range Operating** 20 - 80% (non-condensing)