



EV2430-BK

Your advantages

5
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The perfect all-rounder for the office. The FlexScan EV2430-BK is your ideal assistant in the office for everyday work. This handy all-rounder features power managing functionality and an ergonomic design and it's easy on your eyes for long days in the office. It features three signal ports to connect to computers. In addition, there is a USB hub and headphone/audio jacks that are situated on the side of the monitor. Modern IPS technology enables the FlexScan EV2430-BK to offer horizontal and vertical viewing angles of 178°. Auto EcoView, the brightness sensor, prevents disruptive glaring and reduces strain on the eyes. It also detects changes in the ambient light, automatically adjusting the screen brightness throughout the course of the day.

- ✓ A 24-inch LCD monitor with 16:10 aspect ratio and LED technology in an ergonomic, space-saving design
- ✓ Contrast 1000:1, brightness 300 cd/m²
- ✓ Auto EcoView, EcoView Index, EcoView Sense, and EcoView Optimizer for maximum power savings and superb ergonomics
- ✓ Integrated speakers and headphone jack
- ✓ USB hub with one upstream and two downstream ports
- ✓ DisplayPort, DVI-D, and D-Sub ports for digital and analogue connections

Features

10 bit LUT for precise color control

When it comes down to color nuances, the integrated 10 bit look-up table (LUT) offers considerable advantages: the allocation of color information is considerably more precise than in other 8 bit look-up tables. The color gradations are extremely fine and offer customized configuration options: The color temperature control can be used to adjust white points from 4000 K to 10000 K in 500 K increments. In addition, the color saturation for RGB colors can be configured separately.



Without 10 Bit LUT



With 10 Bit LUT

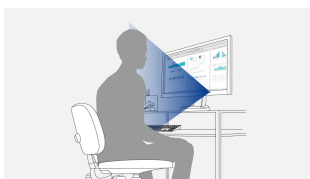
Save electricity and your eyes with Auto-EcoView

Brilliant in all light conditions: The Auto-EcoView function adjusts the brightness of the monitor to the changing ambient light fully automatically by using a sensor. In bright light, it increases image brightness; at darker times, it reduces it. The benefits: Annoying glare is reduced, objects on the monitor will be easier to perceive, and your eyes will not get tired as quickly.

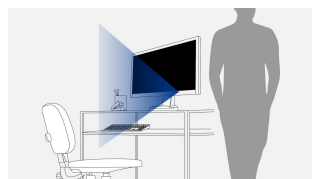
Of course, it is also possible to control the monitor manually. EcoView Index is used for orientation on how environmentally friendly your settings are. In this way, you can control your electricity consumption yourself.

EcoView Sense: Motion sensor as an electricity-saving function

You can use the motion sensor (EcoView Sense) to save electricity and reduce your energy costs. The principle behind this: When you are sitting in front of the screen, the monitor is being used. When you leave your workstation, it automatically switches to energy-saving mode. As soon as you return, it is reactivated – fully automatically thanks to the motion sensor.



Sensor identifies a person at the workstation



Sensor identifies that the workstation has been vacated

Save up to 30% of energy with the EcoView Optimizer

Save electricity without compromising quality: The EcoView Optimizer reduces the background lighting fully automatically for dark images. This reduces electricity consumption by up to 30%. At the same time, the signal is amplified and the color tone values adjusted. The result: You will enjoy the image quality you are used to but consume less power.

Zero-Watt consumption thanks to the power switch

The monitors have an integrated mechanical power switch, which is extremely practical and energy-saving: If you switch off the monitor using the power switch, the device will stop consuming any power at all. Moreover, it consumes a maximum of 0.30 watt in standby mode.

Flicker-free working

The monitor is flicker-free at every brightness setting. This is implemented using the hybrid technology developed by EIZO to control the backlight. This combines the benefits of the otherwise standard PWM (pulse width modulation) and DC (direct current) control. The benefit: Your eyes do not get tired as quickly. You can work on the screen for an extended period.

FineContrast modes: Optimized display at the press of a button

The FineContrast modes make it easier for you to work and look at images, texts, or films. Because when choosing color settings, it makes a difference whether you are looking at a film, editing an image, surfing the net, or writing texts. You can configure the respective presets for brightness, gamma correction, and color temperature at the press of a button. Thanks to the Screen-Manager Pro software included, a mode can be allocated to each application, which is activated automatically when the program starts. An example: Paper mode simulates the pleasant contrast of books by reducing the blue light portion. This protects your eyes while reading and stops them from getting tired.



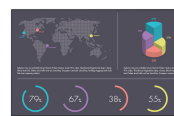
sRGB



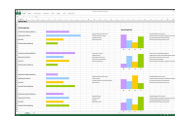
Video



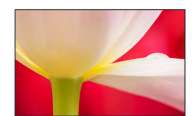
Paper



User 1



User 2



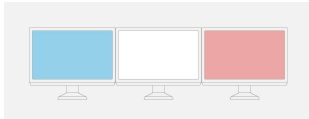
User 3

Sample display

Features

ScreenManager Pro: For your personal settings

All FlexScan monitors include ScreenManager Pro software, which can be used to change color and EcoView settings using your mouse and keyboard instead of using the display menu. The signal cable or a USB connection is sufficient. What's more, you can also use the multi-monitor matching function to match all FlexScan monitors connected to the same PC.



Without multi-monitor matching



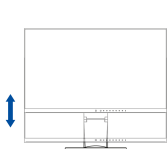
With multi-monitor matching

One monitor, many ports

It doesn't get easier than this: You can connect most of your devices, such as PC, laptop or cameras directly to the monitor because the monitor has a number of different ports. That makes your daily work easier.

Flexible base

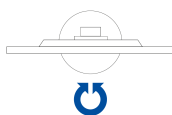
Ergonomic and stable: the adjustable base focuses on ergonomics. The monitor base can be twisted, turned, and tilted so that it is most comfortable for your back, neck, and sitting posture. The height can also be seamlessly adjusted and, depending on the model, lowered to the bottom of the base, allowing you to position the top row of the image ergonomically below eye level.



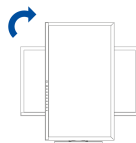
140 mm



Tilt up 35°, tilt down 5°



172°



Rotation 90° clockwise

Anti-reflection coating: more image, less reflection

The EV2430-BK offers a surface with optimal anti-reflection coating. By minimizing glare from the spread of the reflected light, the anti-reflection coating effectively protects your eyes from straining. This keeps your eyes from getting as tired and allows you

to sit comfortably in front of the screen, without having to sit in a forced position to prevent glare.



Five-year warranty

EIZO grants a five-year warranty. This is possible thanks to the highly developed production process based on a simple principle of success: sophisticated and innovative monitor technology, made from high-end materials.



Specification

General

| | |
|--------------|---|
| Item no. | EV2430-BK |
| Case colors | Black |
| Solutions | Office |
| Product line | FlexScan |
| EAN | 4995047052999 |
| Variants | EV2430-GY (Color: Light gray) |

Display

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|---|--|
| Screen size [inches] | 24.10 |
| Screen size [in cm] | 61.10 |
| Format | 16:10 |
| Viewable image size (width x height) | 518 x 324 |
| Ideal and recommended resolution | 1920 x 1200 |
| Pixel Pitch Horizontal [mm] | 0.27 x 0.27 |
| Resolution Supported | 1920 x 1200, 1600 x 1200, 1680 x 1050, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480 |
| Panel technology | IPS |
| Max. viewing angle horizontal | 178 ° |
| Max. viewing angle vertical | 178 ° |
| Number of colors or grayscale | 16.7 million colors (display port, 8 Bit), 16.7 million colors (DVI, 8 Bit), 16.7 million colors (Dsub, 8 Bit) |
| Max. color space | sRGB |
| Max. brightness (typical) [in cd/m²] | 300 |
| Max. dark room contrast (typical) | 1000:1 |
| Typical response time [gray/gray alternation] | 14 |
| Max. refresh rate [in hertz] | 60 |
| Backlight | LED |

Features

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|---|---|
| Color palette / look-up table | 1.06 billion color tones / 10 Bit |
| No flickering thanks to hybrid controls | ✓ |
| HDCP Decoder | ✓ |
| Preset color/grayscale modes | sRGB, Paper, Movie, 2x free modes for user selection |
| OSD language | de, en, fr, es, it, se, ja, zh |
| Adjustment options | Brightness, Contrast, Gamma, All EcoView functions, Color saturation, Color temperature, FineContrast, Color tone, Signal input, Resolution, Audio source, Smoothing, OSD language, Interpolation, Volume |
| Signal inputs | DisplayPort, DVI-D, Dsub |
| Video Signal | DisplayPort, DVI (TMDS), RGB Analog |
| Frequency | Dsub: 31-76 kHz/55-61 Hz; Display Port: 31-76 kHz/59-61 Hz; DVI-D: 31-76 kHz/59-61 Hz |
| Input Signal Identification | ✓ |
| Sync Formats | Separate |
| Audio Input | 3.5 mm stereo jack, DisplayPort |
| Audio Output | 3.5 mm stereo jack |
| Built-in speakers | ✓ |
| USB hub | 1 Up-/ 2 Down-Stream, Rev. 2.0 |

Electric data

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|---------------------------------------|--|
| Power consumption (typical) [in watt] | 12.00 |
| Maximum Power Consumption [in watt] | 36 (at maximum brightness with all signal inputs and USB ports in use) |
| Power Save Mode [in watt] | 0.30 |
| Power Consumption Off [in watt] | 0.00 |
| EcoView Sense/Presence Sensor | ✓ |
| Auto-EcoView | ✓ |
| EcoView-Index | ✓ |
| EcoView-Optimizer | ✓ |
| Power Supply | AC 100-120 V / 200-240 V, 50/60 Hz |
| Power Management | VESA DPMS, DVI-DMPM, DisplayPort Version 1.1a, Eco-Timer |
| Integrated power unit | ✓ |

Dimensions & Weights

| | |
|-------------------------------------|----------------------------|
| Dimensions [mm] | 553 x 368-499 x 233 |
| Weight [in kilograms] | 6.70 |
| Dimensions Without Stand [mm] | 553 x 358 x 57 |
| Weight Without Stand [in kilograms] | 4.30 |
| Swivel (right/left) | 172 ° |
| Incline forward/backward | 5 ° / 35 ° |
| Pivot | ✓ |
| Height Adjustment Range [mm] | 140 |
| Hole Spacing | VESA standard 100 x 100 mm |

Certification & Standards

| | |
|---------------|---|
| Certification | CE, TCO 7, EPEAT Gold (US), TÜV/Ergonomics, TÜV/GS, RCM, CB, cTÜVus, FCC-B, ICES-003-B (CAN), TÜV/S, VCCI-B, Energy Star, RoHS, WEEE, China RoHS, CCC, EAC, BIS |
|---------------|---|

Software & Accessories

| | |
|---|---|
| Accompanying software and other accessories are available for download or on a CD | ScreenManager PRO, ScreenSlicer |
| Additional Supply | Network cable, Signal cable DVI-D - DVI-D, Signal cable DisplayPort - DisplayPort, Quick guide |
| Accessory | EIZO ScreenCleaner (EIZO recommends the Screen-Cleaner kit for the best possible clean without scratching the monitor), TC-BRACKET-BK (Thin Client bracket for EIZO Flexstand 3 base), PM200-K (DisplayPort cable to transfer digital video and audio signals.) |

Warranty

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|----------------------|---|
| Warranty and service | 5 years including on-site replacement service |
|----------------------|---|