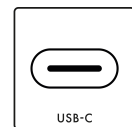# EV2485-BK

Your advantages

For state-of-the-art connectivity, the EIZO FlexScan EV2485 uses USB-C upstream, DisplayPort and HDMI inputs as well as four USB downstream ports. The 24-inch display in 16:10 format receives image signals, audio and USB data via its USB-C interface and supplies connected devices with power via USB. This convenient multi-purpose connectivity simplifies quick laptop connection when switching between workstations or hybrid working. The EV2485 is energy-efficient, ergonomic and reliable, with impressive picture quality. It has a virtually frameless design for a refined aesthetic. The housing is available in elegant black or white. Matching cables are available in the respective housing colour. Operating controls, the brightness sensor and speakers are integrated into the narrow front panel. The EV2485 can be rotated, swivelled and tilted in a way that is most comfortable for the users back, neck and preferred sitting position. The EV2485's IPS LCD has a resolution of 1920x1200 pixels and allows for the widest viewing angles. The maximum brightness typical of the model is 350 cd/m2. Anti-reflective coating and Auto-EcoView brightness control create a glare-free view, while sophisticated hybrid control of the LCD backlight ensures flicker-free viewing.

Features

Cutting-edge connectivity with USB-C

A single USB-C cable is all that is needed to provide video and audio reproduction, transfer data quickly and supply power to the connected devices. The 70 W power supply via USB-C is highly practical and can reliably charge small computers or laptops. This creates more space on your desk since you no longer need an additional power supply for your computer.

For information on compatibility between PCs and FlexScan monitors when using a USB-C connection, please visit the EIZO Global website.
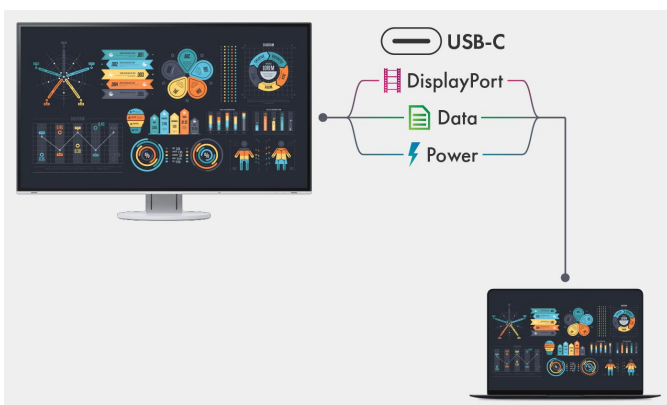
One monitor, many ports

It doesn't get simpler than this: Most end devices, such as PCs, laptops and cameras, can be connected directly to the monitor, thanks to its wide range of signal interfaces. The screen also features four USB type A 3.1 ports. This allows different devices such as mice, keyboards and headsets to be connected. This makes your everyday work easier and guarantees a tidy desk.

Elegant design

The monitor's appearance can be the key to creating a pleasant working atmosphere. Whether you are at home or in the office, the monitor's virtually frameless design and ergonomic functionality allows it to fit naturally into your workplace environment. The housing is available in both an elegant black and in white, with matching white cables.

Incidentally, the EV2485 is an ideal match for daisy-chain multi-screen systems with its sister model, the EV2495. The housing design and stand are identical.

## Controls integrated into bezel

Electrostatic switches are integrated into the front of the EV2485-BK instead of mechanical buttons. This ensures ease of use while also giving the monitor an extremely elegant look. The speakers and all the controls are also built into the bezel, pointing forward in the direction of the user. They are fully integrated into the monitor's flat, nearly frameless design to offer an excellent user experience.

Features

Maximum image quality thanks to the IPS panel

The monitor is capable of all three key elements of excellent image quality: excellent resolution of 1920 x 1200 pixels, maximum contrast of 1000:1, and stable brightness of up to 350 cd /m². That means you will experience razor-sharp text contours, brilliant graphics, and clear images. Thanks to the high-quality IPS panels with LED backlight, contrasts and colours remain stable from every viewing angle.
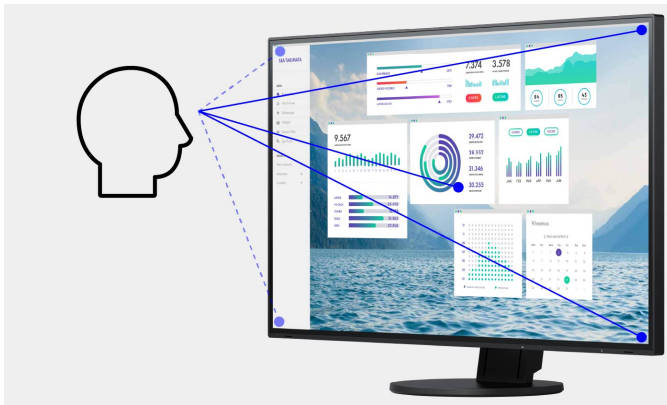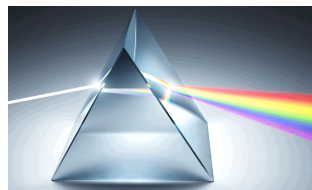

Precise colour control

An image can only be perfect if the colours are, too. This is why EIZO monitors have a 10-bit look-up table at a minimum, which allows the colour information to be assigned much more precisely than with conventional 8-bit LUTs. The finest colour gradations ensure that gradients are always perfectly displayed, while also offering customised adjustment options. For example, you can adjust the white balance from 4000 K to 10000 K in 500-K intervals.
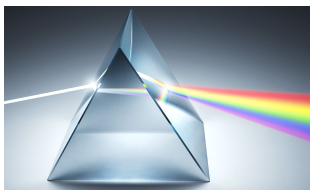
Look-Up-Table with 10 and more bit   Look-Up-Table with 8 bit

Overdrive to quickly change images

Fast, faster, overdrive. The overdrive function accelerates switching time so that the grey-grey change takes only 5 ms on ave-

rage. You can watch films and rapidly changing images without annoying afterglow.

Without overdrive: streaking and time delay

Save electricity and your eyes with Auto EcoView

At day, at night, bright, dark: No matter when and how you work, the Auto EcoView function continuously measures changes of the ambient light and optimises the monitor with ideal brightness values automatically by using a sensor. The benefits: Annoying glare is reduced, your eyes will not get tired as quickly. A special two-point control takes into account the brightest and darkest environment over the course of the day with the respectively desired screen brightness. Another advantage: Thanks to the automatic brightness adjustment, you will save up to 50% of your electricity costs in comparison to a monitor that is permanently operated at maximum brightness.

Of course, you can also continue to configure the monitor manually. EcoView Index is used for orientation on how environmentally friendly and economical your settings are.
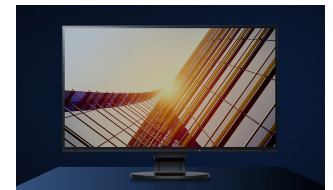
During the day   In the evening

Features

Flicker free: for the sake of the eyes

To help protect your eyes, EIZO has developed a hybrid technology to control the backlight. This combines the benefits of the otherwise standard PWM (pulse width modulation) and DC (direct current) control. The PWM control uses much higher frequencies than standard PWM methods. The result: a flicker-free viewing experience while maintaining picture quality and colour stability. In addition, compared to pure DC control, you can adjust the brightness to less than 1% of the maximum value in darkly lit rooms. The benefit: Your screen remains free from glare even under these conditions.

The flicker-free and low blue light content of the EIZO FlexScan monitors is certified by TÜV Rheinland. Learn more about why eyes get tired when working at the computer.

### Anti-glare coating: more image, less reflection

The EV2485-BK offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV2485-BK effectively protects your eyes from straining. This keeps your eyes from getting as tired and allows you to sit comfortably in front of the monitor, without having to sit in a forced position to prevent glare.
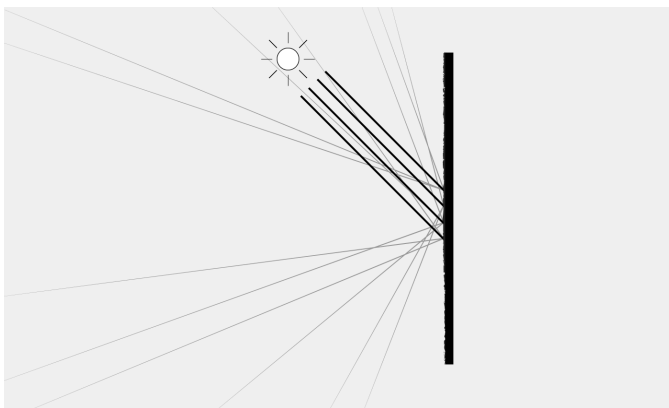
Flexible stand

Ergonomic and stable: the adjustable stand has ergonomics in focus. You can turn, swivel, and tilt the monitor in the way that is most comfortable for your back, neck and sitting posture. It can be continuousl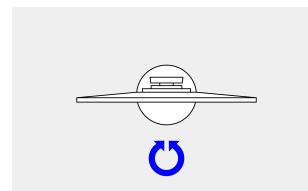y adjusted in height and lowered almost to the table or the base of the stand. This allows you to position the top row of the picture ergonomically below eye level.
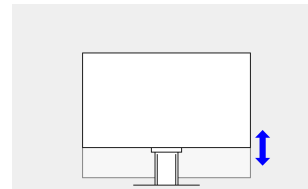
Height
182.2 mm
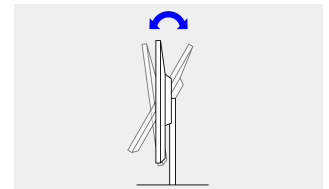
Tilt
Between 5° forwards and 35° backwards

Swivel
344°
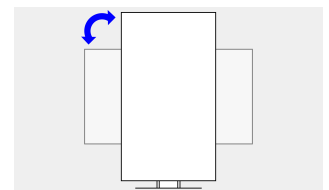
Rotation
Rotation 90° (clockwise and anti-clockwise)

Preset colour modes: optimised display at the touch of a button

Pre-set colour modes optimise the viewing of images, texts or films. Because it makes a difference whether you are watching a film, editing a picture, surfing the net, or writing texts. At the touch of a button, you set the respective pre-set for brightness, gamma correction and colour temperature. For example, the Paper mode simulates the pleasant contrast of printed paper, which is easy on the eyes when reading and prevents fatigue.

Text

Charts

Web
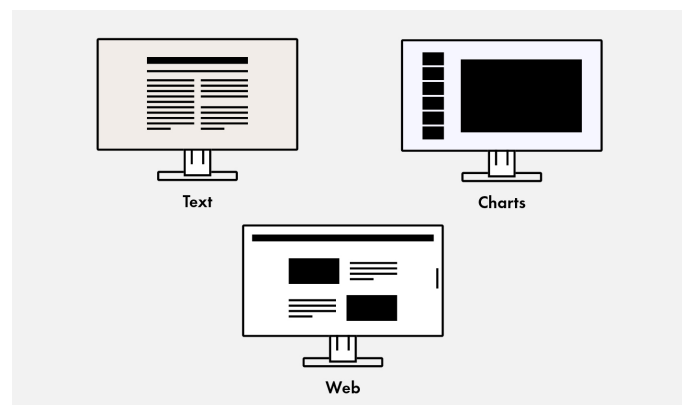
Features

Monitor Configurator for company-wide monitor setting

Workload reduction for administrators: The software allows you to create a default setup for all relevant monitor settings. This setup can be distributed to the connected monitors via the local network which facilitates the roll-out process.

Operation made easy thanks to the Button Guide

The Button Guide provides all functions at a glance. Touching the button is enough and the screen will show all functions and the corresponding control panel.
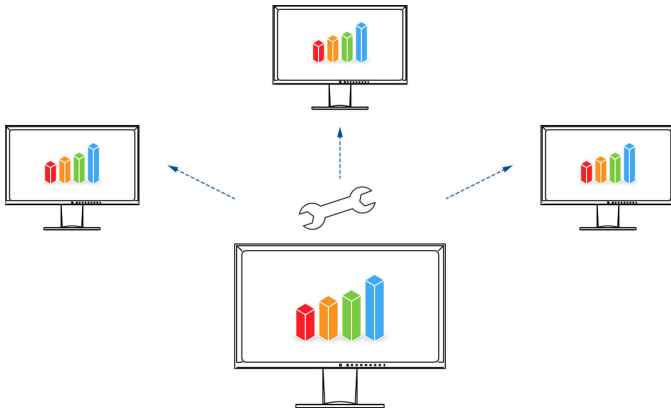
Screen InStyle

In addition to the on-screen menu, you can conveniently control the EV2485-BK by using the Screen InStyle software on a Windows PC. The configuration options include colour reproduction, energy saving options, and ergonomic functions. In multi-screen systems, the settings can be applied synchronously to all connected screens with Screen InStyle.
Learn more about Screen InStyle here.

System administrators can centrally manage and control monitors connected in the network with Screen InStyle installed using the Screen InStyle Server application. This optimises power consumption and simplifies asset management of the monitors.
Learn more about Screen InStyle Server here.

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 colour tone values adjusted. The result: You will enjoy the image quality you are used to but consume less power.

Features

Zero-watt consumption thanks to the power switch
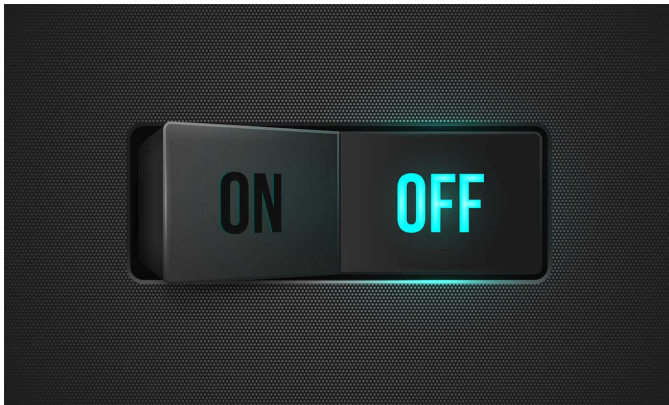
The monitors have an integrated mechanical power switch, which is extremely practical and energy-saving: If you switch off the monitor using the power switch, the device will stop consuming any power at all. Moreover, it consumes a maximum of 0.5 watt in standby mode.

Environmentally and climate friendly

Each EV2485-BK is manufactured in our own factory, which implements an environmental management system in accordance with ISO 14001. This includes measures to reduce waste, wastewater and emissions, resource and energy consumption, as well as to encourage environmentally conscious behaviour among employees. We publicly report on these measures on an annual basis as a main component of our CSR (Corporate Social Responsibility) report.

Socially responsible production

The EV2485-BK is produced in a socially responsible way. It is free of child labour and forced labour. Suppliers along the sup-ply chain have been carefully selected and they have also committed themselves to produce in a socially responsible way. This applies in particular to conflict minerals. We present a detailed report about our social responsibility annually and voluntarily.

Learn more about responsible corporate behaviour at EIZO here.

Sustainable and durable

The EV2485-BK is designed for a long service life that takes into account the entire lifecycle and impact on the environment. It is generally well above the five-year guarantee. Spare parts are available up to five years after the end of production. The monitor's long service life and the ability to repair it save resources and the climate. When designing the EV2485-BK we paid attention to reducing resource consumption by using high-quality components and materials and being meticulous in production. The packaging of the EV2485-BK consists of cardboard box made of 85% recycled paper, while the transport padding is even 100% recycled material.
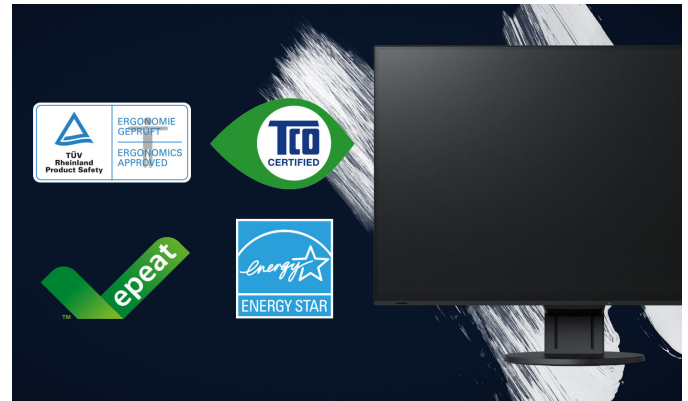
Features

A natural beauty

Reducing the use of volatile organic compounds (VOCs) found in material production, such as some paints, is a global concern.

EIZO uses its expertise cultivated from extensive years of research to manufacture its monitor cabinets with a smooth, uniform colour and texture without using paint.

Environmentally friendly packaging

For the packaging of the EV2485-BK, EIZO says goodbye to plastic and polystyrene to reduce environmental impact. Instead, the monitor is securely packaged with moulded pulp made from recycled cardboard and newsprint. The enclosed cables are in cellulose cloths instead of plastic bags.

Left: conventional packaging / Right: environmentally friendly materials

Compliance with standards and guidelines

The monitor is certified according to important and all-encompassing sustainability standards such as TCO Certified Generation 9, EPEAT and ENERGY STAR®. The EV2485-BK is a safe investment, when taking into account issues such as ESG (Environmental, social and corporate governance) or SDG (Sustainable Development Goals) from the United Nations and following the necessary guidelines.

Specification

General

Item no.	EV2485-BK
Case color	Black
Areas of application	Office, Gaming
Product line	FlexScan
EAN	4995047062561
Variants	EV2485-WT (Colour: White)

Display

Screen size [in inches]	24.1
Screen size [in cm]	61.1
Format	16:10
Viewable image size (width x height)	518 x 324
Ideal and recommended resolution	1920 x 1200
Pixel pitch [mm]	0.270 x 0.270
Pixel density [in ppi]	94
Resolution supported	1920 x 1200, 1680 x 1050, 1600 x 1200, 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 colours or greyscale	16.7 million colours (USB-C, 8 Bit), 16.7 million colours (DisplayPort, 8 Bit), 16.7 million colours (HDMI, 8 Bit)
Colour palette/look-up table	1.06 billion colour tones / 10 Bit
Max. colour space (typical)	sRGB
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	5
Max. refresh rate [in hertz]	60
Backlight	LED

Features & control

USB-C docking	✔
Preset colour/greyscale modes	sRGB, Paper, DICOM, Movie, 2x additional memory spaces
DICOM tone curve	✔
RadiCS application classes	VIII
Auto EcoView	✔
EcoView Index	✔
EcoView Optimizer	✔
Overdrive	✔
No flickering thanks to hybrid controls	✔
HDCP Decoder	✔
Input signal identification	✔
Built-in speakers	✔
OSD language	de, en, fr, es, it, se
Adjustment options	Brightness, Contrast, Gamma, All EcoView functions, Colour saturation, Colour temperature/White point, Colour Mode, Colour tone, Overdrive, Volume, Signal input, OSD language, Scaling
Button Guide	✔
Integrated power unit	✔

Ports

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (HDCP 1.4)
USB specification	USB 3.1 Gen 1
USB upstream ports	1 x type C (DisplayPort Alt Mode, 70 W max.)
USB downstream ports	4 x type A
Video signal	USB-C, DisplayPort, HDMI (RGB, YUV)
Audio input	USB-C, DisplayPort, HDMI
Audio output	3.5 mm stereo jack

Electric data

Frequency	USB-C: 31-76 kHz/59-61 Hz, DisplayPort: 31-76 kHz/ 59-61 Hz, HDMI: 31-76 kHz/ 49-51 Hz/49-61 Hz
Power consumption (typical) [in watt]	11
Maximum Power Consumption [in watt]	146 (at maximum brightness with all signal inputs and USB ports in use)
Power Save Mode [in watt]	0.5
Power consumption off [in watt]	0
Energy efficiency class	C
Energy consumption/1000h [in kWh]	12
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz
Power management	✔

Dimensions & weights

Dimensions [mm]	531 x (356 - 538) x 230
Weight [in kilograms]	7.6
Dimensions without stand [mm]	531 x 344 x 54
Weight without stand [in kilograms]	4.9
Housing dimension details	Dimension drawing (PDF)
Swivel	344 °
Incline forward/backward	5 ° / 35 °
Pivot	✔ 90° (clockwise and anti-clockwise)
Height adjustment range [mm]	182.2
Hole spacing	VESA standard 100 x 100 mm

Certification & standards

Certification	CB, CE, TCO Certified Generation 9, EPA ENERGY STAR ®, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307)**, TÜV/Blue Low Light Content, TÜV/Flicker Free, EPEAT 2018 (US), cTÜVus, TÜV/S, EAC, PSE, FCC-B, CAN ICES-3 (B), RCM, VCCI-B, CCC, China RoHS, RoHS, WEEE

Software & accessories

Accompanying software and other accessories are available for download	Screen InStyle
Additional supply	Power cord, Signal cable USB-C – USB-C (5 A), Quick guide, Cable protection
Accessories	HH200PR-K (HDMI (High Definition Multimedia Interface) cable), PM200-K (DisplayPort cable to transfer digital video and audio signals.), PP100-K (Short DisplayPort connection cable, 100 cm), PP200-K (DisplayPort cable, 200 cm), CC100-BK (Short USB-C port cable, 100 cm), CP200-BK (USB-C to DisplayPort cable, 200 cm), PCSK-03-BK (Thin client mount for the stand EIZO FlexStand 4/ FlexStand 5), EIZO ScreenCleaner (for the best possible clean without scratching the monitor)

Warranty

Warranty and service	5 years warranty*

Terms

*) Maximum of 30,000 hours of operation from the date of purchase.**) Zero pixel error guarantee for completely lit sub-pixels (partial pixels ISO 9241-307). Valid: six months from the purchase date.