→ **Product Website**   → **Experience in AR**

Brilliant picture quality, high ergonomics, and strong flexibility: the modern working world places high demands on technical equipment. The EIZO FlexScan EV2490 meets them whether in the home office, at the office desk, or at the shared desk. The 23.8-inch IPS monitor offers full USB-C connectivity, receiving video and audio signals, and much more via this interface: a charging power of 70 watts ensures full notebook batteries and makes external power supplies superfluous. Thanks to an integrated Ethernet port, computers can even access the Internet via cable if they only have WLAN as standard. Its daisy-chain function for up to four monitors is ideal for multi-screen solutions. The business monitor thus becomes a fully-fledged docking station and is at home wherever flexibility is required. Notebooks only need to be connected with a single cable and are immediately fully operational. In addition to the USB-C port, the EV2490 can also be operated via its DisplayPort and HDMI interface. Regardless of where it is used, the EIZO FlexScan EV2490 shines with its high-contrast, flicker-free display and full HD resolution (1920 x 1080 pixels). Outstanding ergonomics are ensured by the anti-reflective coating, sophisticated automatic brightness control, and flexible options for adjustment in height, tilt, swivel, and tilt.

✓ 23.8" monitor in 16:9 format with 1920 x 1080 pixels and IPS technology for outstanding picture quality

✓ Docking function for tablets and notebooks thanks to USB 3.1-C connection with DisplayPort signal channel, LAN and power supply up to 70 watts

✓ Three-sided housing frame only 1 mm: super-compact and ultra-chic design

✓ Contrast 1000:1, brightness 250 cd/sqm, 178° viewing angle

✓ Auto EcoView, EcoView Index and EcoView Optimiser for maximum energy savings and optimal ergonomics

✓ USB-C daisy chain function (USB-C output) for linking multi-screen solutions

✓ Signal inputs: USB-C (DisplayPort Alt Mode), Display-Port, HDMI

✓ Demonstrably environmentally and socially responsible production

# Variety of ports
Best connectivity

Cutting-edge connectivity with USB-C

Video and audio reproduction, data transfer, including network signal and power supply for connected devices – all this and so much more is possible with a single USB-C cable. The EV2490 will become your central docking station to which you can quickly and easily connect your laptop. This is especially practical if you have multiple workstations or switch between working in an office and at home.

The 70 W power supply via USB-C reliably charges small computers or laptops, giving you more desk space since an additional power supply is no longer necessary for the computer.

For information on compatibility between PCs and FlexScan monitors when using a USB-C connection, please visit the EIZO Global website.
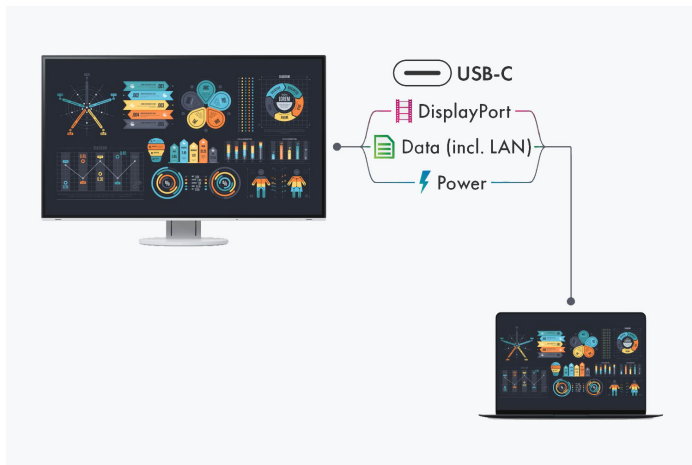
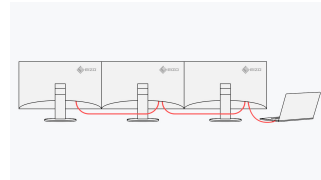### DAISY CHAIN METHOD
Efficient multi-display solution

The monitor's USB-C ports enable multiple monitors to be connected to the computer via a single cable (using the daisy chain method). This allows for a hassle-free configuration of up to four screens and reduces cable clutter. Being able to view and edit several applications simultaneously also improves comfort and increases efficiency when working.

Did you know, computers and monitors with a Display-Port connection can also be connected to USB-C? The right cable for this from our optional accessories is called CP200.

Are you unsure whether the daisy chain method is compatible with your system? EIZO tests PCs that are currently available on the market to ensure that they are compatible with the daisy chain method and FlexScan monitors.

1. Find out more about compatibility tests (link to the international EIZO website)
2. How to set up a daisy chain connection (link to the international EIZO website)

Daisy chain method
Tidied-up cables

Conventional solution
Messy cabling

Product recommendation for multi-screen solutions

Multiscreen solutions look particularly good when all monitors are similar in design and have an almost frameless UltraSlim format. This is easily achieved by using the USB-C daisy chain and linking several EV2490s.

Because there is no need for further chaining from the last screen, the cheaper sister model EV2480 is recommended for this. It can do without the USB-C down port, LAN connection and KVM switch. The design and stand of the EV2490 and EV2480 are identical.
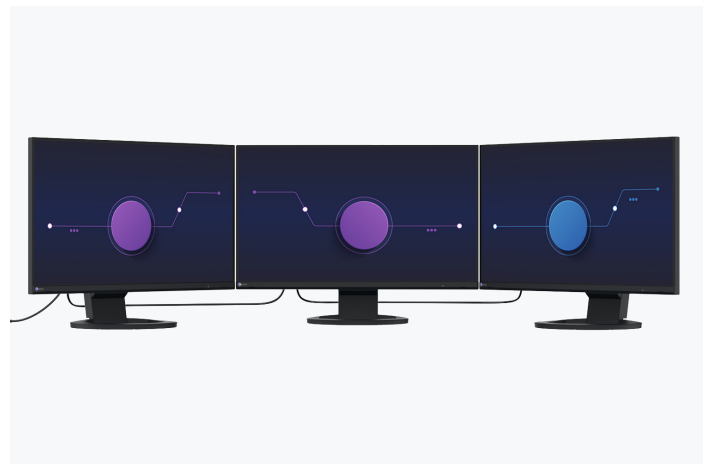
One monitor, many ports

It couldn't be easier: Most end devices, such as PC, laptop, mouse, keyboard or headphones, can be connected directly to the monitor, thanks to its wide range of signal interfaces and ports. This makes your daily work easier and ensures a tidy desk.

quired for video conferences, for example. As a network device the monitor has its own MAC address.

Optionally, the "EIZO MAC Address Clone Utility" software for Windows can temporarily assign the MAC address of the connected PC to the monitor. This transparency grants authenticated PCs network access through the monitor.

STABLE NETWORK CONNECTION
LAN port

The monitor has a dedicated LAN port to ensure a stable wired network connection. Laptops and PCs require only one USB cable to be connected to the EV2490 to gain network access via the monitor. This is particularly advantageous for laptops that do not have a LAN connection and allows for fast and stable data transfer, which is re-

TWO PCS, ONE CONTROL
KVM switch

It's never been easier to operate different PCs with a single mouse and keyboard. With its USB upstream ports, the EV2490 has a built-in KVM (Keyboard Video Mouse) switch. The monitor automatically links the mouse and keyboard to the currently active source computer. This means, for example, that a desktop PC and a laptop or a work and home PC can be operated on the same combination of monitor, mouse and keyboard. This ensures uninterrupted work and a tidy workspace.

Image quality
## Precise, high-contrast, bright and crisp screen

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 1080 (Full HD) pixels, maximum contrast of 1000:1, and stable brightness of up to 250 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.
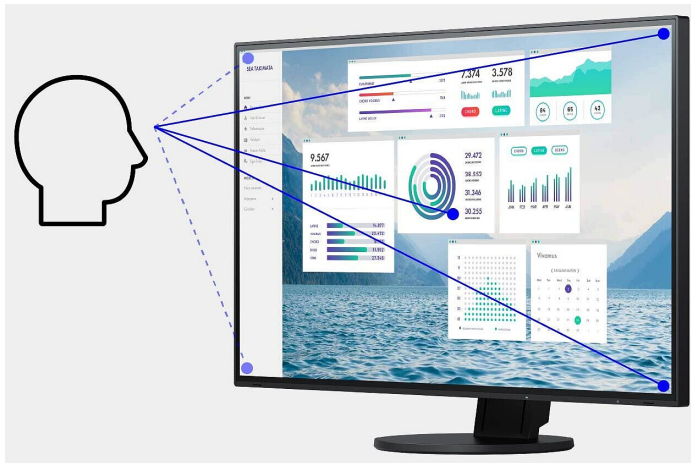

Precise color control

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 10 000 K in 500-K intervals.
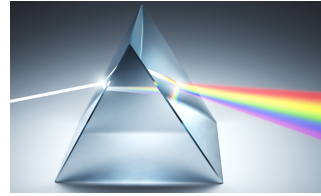
Look-Up-Table with 10 and more bit
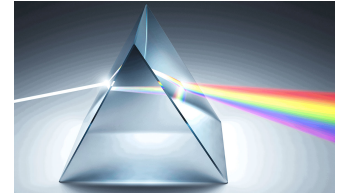
Look-Up-Table with 8 bit

Overdrive to quickly change images

Fast, faster, overdrive. The overdrive function accelerates switching time so that the gray-gray change takes only 5 ms on average. You can watch films and rapidly changing images without annoying afterglow.

Ergonomics
## Working in a relaxed manner

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
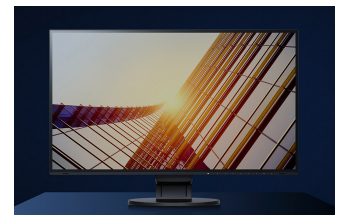
In the evening

FOR THE SAKE OF THE EYES

Flicker free

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.

Anti-glare coating: more image, less reflection

The EV2490 offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV2490 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.
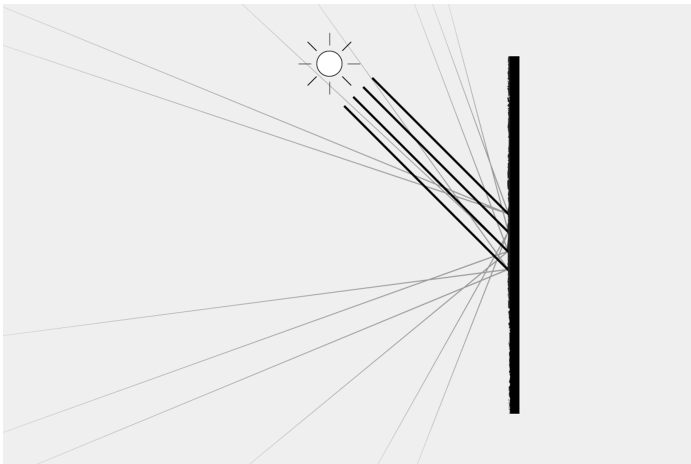
Flexible stand

Ergonomic and stable: the adjustable stand focuses on ergonomics. You can rotate, swivel and tilt the monitor stand until you find the most comfortable setting for your back, neck and sitting posture. It features continuous height adjustment and can be lowered almost to the base plate of the stand, enabling you to position the top image line ergonomically right below your eye level.
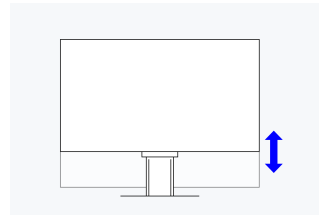
Height
191.2 mm
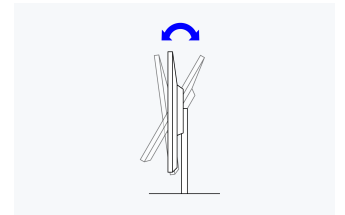
Tilt
Between 5° forwards and 35° backwards
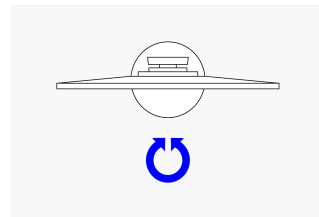
Swivel
344°

Rotation
90° (clockwise and anti-clockwise)

Software and ease of use
Features for greater comfort

Preset color modes: optimized display at the touch of a button

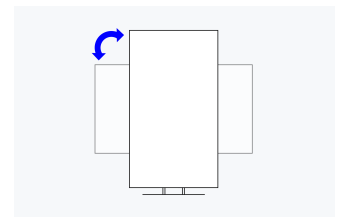Pre-set color modes optimise the viewing of images, texts or films. Because it makes a difference whether you are watching a film, editing a picture, surfing the net, or writing texts. At the touch of a button, you set the respective pre-set for brightness, gamma correction and colour temperature. For 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
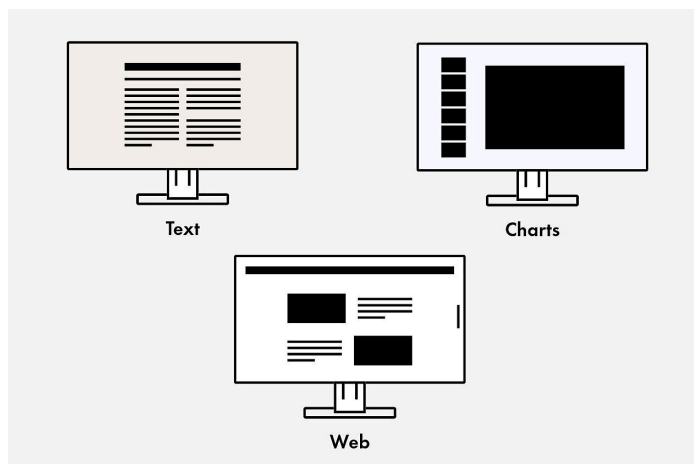
Operation made easy thanks to the Button Guide

With the Button Guide, you have all functions at a glance. One touch of the control panel is enough, and the func-
tion assignment of the buttons is displayed. Your advantage: clarity of operation and a clean, uncluttered design.
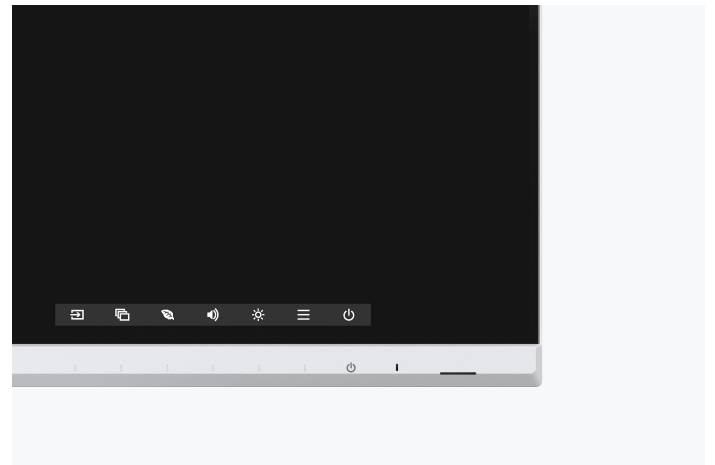
MONITORSTEUERUNG UND ADMINISTRATION
Screen InStyle

In addition to the on-screen menu, you can conveniently control the EV2490 by using the Screen InStyle software on a Windows PC. The configuration options include color reproduction, energy saving options, and ergonomic functions. In multi-screen systems, the settings can be applied synchronously to all connected screens with Screen InStyle.

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.

Monitor Configurator

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.
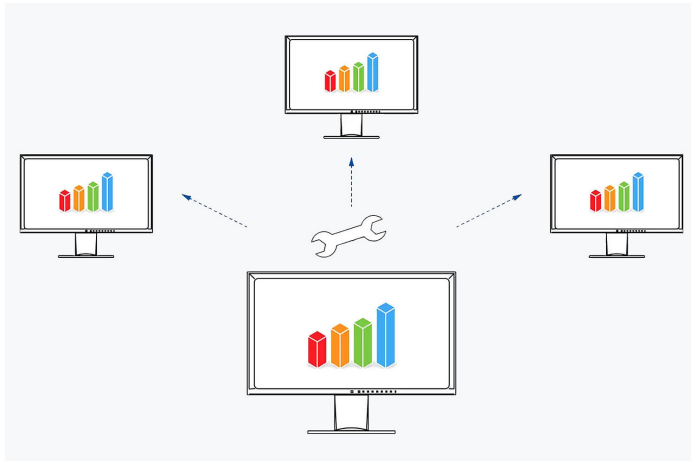
Sustainability
Environmentally and socially conscious production

Save up to 30% of energy

Save electricity without compromising quality: The Eco-View 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 0.5 watt in standby mode.

Socially responsible production

The EV2490 is produced in a socially responsible way. It is free of child labour and forced labour. Suppliers along the supply 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.

Environmentally and climate friendly

Each EV2490 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.

A natural beauty

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

Through years of research, EIZO has succeeded in achieving a smooth, nearly homogeneous color and texture in its monitor housings without the use of varnish.

Sustainable and durable

The EV2490 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 EV2490 we paid attention to reducing resource consumption by using high-quality components and materials and being meticulous in production.

Environmentally friendly packaging

For the packaging of the EV2490, EIZO uses a padding made of moulded pulp cellulose. The material is made from recycled cardboard and paper and has a much lower environmental impact when disposed of than traditional polystyrene or plastic. All cables are stored in a cardboard compartment instead of being individually packed in plastic bags.

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 EV2490 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.

Warranty
Highest investment security

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 technology, made from high-end materials.

Technical data

GENERAL

Item no.	EV2490-BK EV2490-WT
Case colour	Black White
Solution area	Office
Product line	FlexScan
Areas of application	Large and medium-sized companies, Private user & small business, Home Office, Finance
EAN	4995047063315 4995047063322

DISPLAY

Screen size [in inches]	23.8
Screen size [in cm]	60.5
Format	16:9
Viewable image size (width x height)	527 x 296
Ideal and recommended resolution	1920 x 1080 (Full HD)
Pixel pitch [mm]	0.275 x 0.275
Pixel density [in ppi]	93
Resolution supported	1920 x 1080 (Full HD), 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 colours or greyscale	16.7 million colors (DisplayPort, 8 Bit), 16.7 million colors (HDMI, 8 Bit), 16.7 million colors (USB-C, 8 Bit)
Colour palette/look-up table	1.06 billion color tones / 10 Bit
Max. colour space (typical)	sRGB (100%)
Max. brightness (typical) [in cd/m²]	250
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 & OPERATION

USB-C docking	✔
KVM switch	✔
Preset colour/greyscale modes	2x manual memory locations, sRGB, Paper, Movie, DICOM
DICOM tone curve	✔
Auto EcoView	✔
EcoView Index	✔
EcoView Optimizer	✔
Overdrive	✔
No flickering thanks to hybrid controls	✔
Signal range extension (HDMI)	✔
HDCP Decoder	✔
Input signal identification	✔
Built-in speakers	✔
OSD language	de, en, fr, es, it, se
OSD setting options	Color Mode, Brightness, Contrast, Color temperature /White point, Gamma, Overdrive, Colour tone, Color saturation, Resolution, Scaling, OSD language, Signal input, All EcoView functions, Volume
Button Guide	✔
Integrated power unit	✔

CONNECTIONS

LAN/RJ-45	✔
Video Input	USB-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (HDCP 1.4)
Connection Interface Signal	USB-C (for daisy chain)
Daisy chain compatibility	✔
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type C (DisplayPort Alt Mode, 70 W max.), 1 x type B
USB downstream ports	3 x type A, 1 x type C (DisplayPort Alt Mode, 15 W max.)
Network Connection	RJ-45
Video signal	USB-C, DisplayPort, HDMI (RGB, YUV)
Audio input	USB-C, DisplayPort, HDMI
Audio output	3.5 mm stereo jack

ELECTRICAL DATA

Frequency	USB-C: 31-68 kHz/59-61 Hz; DisplayPort: 31-68 kHz/ 59-61 Hz; HDMI: 31-68kHz, 49-51 Hz/59-61 Hz
Power consumption (typical) [in watt]	11
Maximum Power Consumption [in watt]	155 (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]	9
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz
Power supply via USB C	70
Power management	✔

DIMENSIONS & WEIGHT

Dimensions [mm]	537,8 x 332,4 - 523,6 x 230
Weight [in kilograms]	7.2
Dimensions without stand [mm]	531 x 344 x 54
Weight without stand [in kilograms]	4.5
Link technical drawing	Dimension drawing (PDF)
Swivel	344
dimensionTilt	5 / 35
Housing dimension details	90° (clockwise and anti-clockwise)
Height adjustment range [mm]	191.2
Hole spacing	100 x 100

CERTIFICATION AND STANDARDS

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

SOFTWARE & ACCESSORIES

Software	Screen InStyle
Additional supply	USB/signal cable (USB-C - USB-C), Manual via download, Power cord, Quick guide
Accessories	PM200-K, CP200, HH200PR-K, CC100, PP100-K, PP200-K, PCSK-03

WARRANTY

Warranty duration	5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.
Included warranty service	Zero pixel defects guarantee; no fully illuminated sub-pixels (sub-pixels ISO 9241-307) for six months from date of purchase.

Experience the EV2490 in AR now!