



[→ 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/m², 178° viewing angle
- ✓ Auto EcoView, EcoView Index and EcoView Optimizer 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
- ✓ 5-year warranty for highest investment security

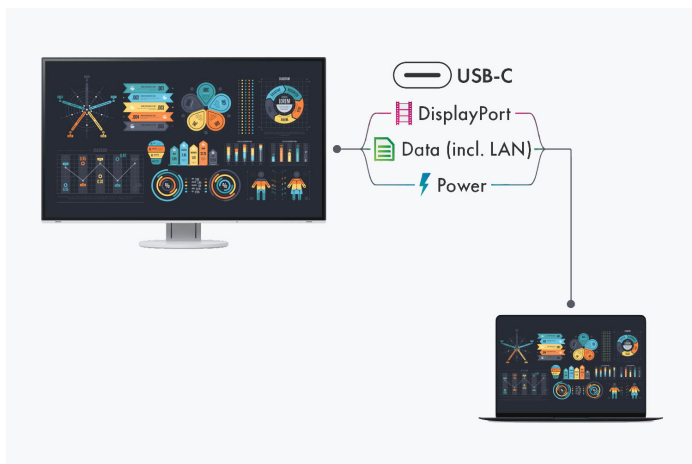
Variety of ports Best connectivity

Streamlined connection 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.

We have tested a small selection of different devices and the compatibility between monitor and computer for you and described them on [the international EIZO website](#).



DAISY CHAIN METHOD

Efficient multi-display solution

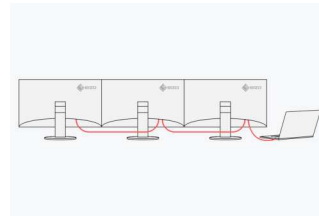
The monitor's USB-C ports enable multiple monitors to be connected to the computer via a single cable (using the daisy chain method). This allows for a hassle-free configuration of up to four screens and reduces cable clutter. Being able to view and edit several applications simultaneously also improves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

Did you know, computers and monitors with a DisplayPort connection can also be connected to USB-C? The

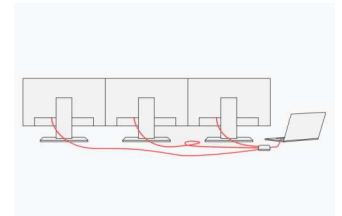
right cable for this from our optional accessories is called CP200.

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.



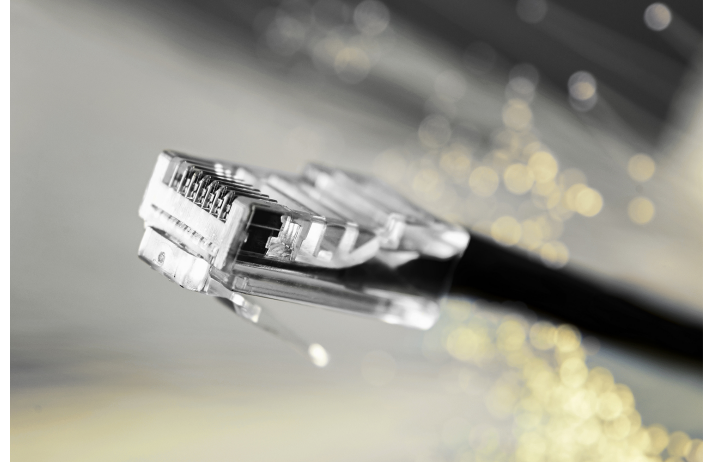
STABLE NETWORK CONNECTION

LAN port

The monitor has a dedicated LAN port to ensure a stable wired network connection. Laptops and PCs require only one USB-C 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 stable data transfer, which is required 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.



TWO PCS, ONE CONTROL

KVM switch

It has never been easier to operate different PCs with a single mouse and keyboard. Thanks to the USB upstream ports, the EV2490 has an integrated KVM (Keyboard Video Mouse) switch. The monitor automatically links the webcam, microphone, speakers, mouse and keyboard to the currently active source computer. This means, for example, that a desktop PC and laptop or business and private PC can each be operated on the same combination of monitor USB devices. This ensures uninterrupted working and a tidy workspace.

Image quality

Precise, high-contrast, bright and crisp screen

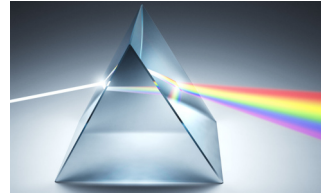
Maximum image quality thanks to the IPS panel

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.

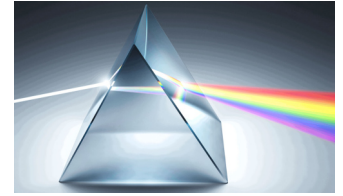


Precise color control

An image can only be perfect if the colors are, too. This is why EIZO monitors have a 10-bit look-up table at a minimum, which allows the color information to be assigned much more precisely than with conventional 8-bit LUTs. The finest color 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

The overdrive function accelerates the switching time so that gray-grey changes take place in just 5 ms on average. You can watch movies and fast image changes without annoying afterglow. When scrolling and positioning windows or images, the display is legible in fractions of a second – faster than it can be perceived. Power consumption and energy efficiency are always in view.

Ergonomics

Working in a relaxed manner

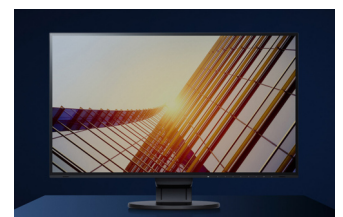
Easy on the eyes with Auto EcoView

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 plus: the automatic brightness adjustment can significantly reduce power consumption.

Of course, you can also continue to configure the monitor manually. EcoView Index is used for orientation on how 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 flicker and glare even under these conditions.

The flicker-free and low blue light content of the EIZO FlexScan monitors is certified by TÜV Rheinland.

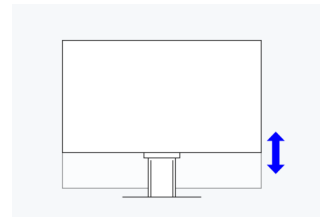
ANTI-GLARE COATING

More image, less reflection

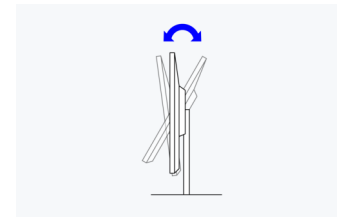
The EV2490 offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV2490 effectively protects your eyes from straining. This keeps your eyes from getting as tired and allows you to sit comfortably in front of the monitor, without having to sit in a forced position to prevent glare.

Ergonomic stand

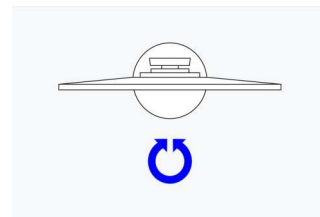
Ergonomic and stable: the adjustable stand focuses on ergonomics. You can rotate, swivel and tilt the monitor stand until you find the most comfortable setting for your back, neck and sitting posture. It features continuous height adjustment and can be lowered almost to the base plate of the stand, enabling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



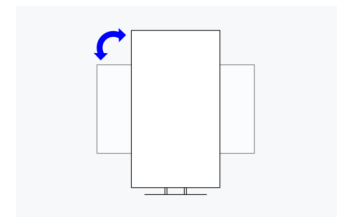
Height
191.2 mm



Tilt
Between 5° forwards and 35° backwards



Swivel
344°



Rotation
clockwise and anti-clockwise

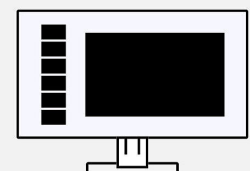
Software and ease of use Features for greater comfort

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

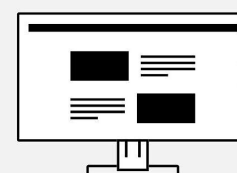
Preset color modes optimize the viewing of images, texts or videos. Because it makes a difference whether you are watching a video, looking at a picture, surfing the net or writing texts. At the touch of a button, you can set the respective preset for brightness, gamma correction and color temperature. An example: Paper mode simulates the pleasant contrast of printed paper, making reading easier on the eyes and preventing fatigue.



Text



Charts



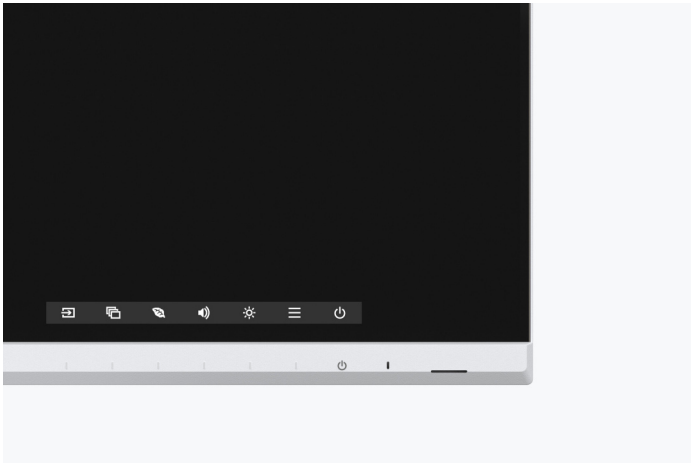
Web

Operation made easy

Electrostatic switches are integrated into the front of the EV2490 instead of mechanical buttons. This ensures ease of use while also giving the monitor an extremely elegant look.

With the Button Guide, you have all functions at a glance. One touch of the control panel is enough, and the function assignment of the buttons is displayed. Your advantage: clarity of operation and a clean, uncluttered design.

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.



MONITOR CONTROL AND ADMINISTRATION

Screen InStyle

In addition to the on-screen menu, you can conveniently control the EV2490 by using the Screen InStyle software on a 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.

[Learn more about Screen InStyle here](#)

SOFTWARE FOR MONITOR CONTROL BY ADMINISTRATORS

Screen InStyle Server

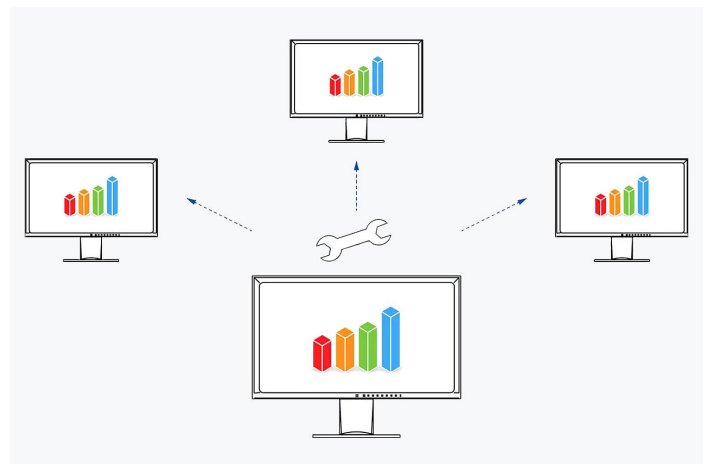
System administrators can centrally manage and control monitors connected in the network with Screen InStyle installed using the Screen InStyle Server application. This optimises power consumption and simplifies asset management of the monitors.

[Learn more about Screen InStyle Server here](#)

COMPANY-WIDE DEFAULT SETUP

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 energy effortlessly

Energy efficiency is an important aspect in the development of EIZO monitors. The monitors are equipped with features and functions to reduce power consumption to a minimum.

Up to 50 % less power consumption

The Auto EcoView function automatically adjusts the brightness of the screen to changes in ambient light. This saves electricity compared to a monitor that is operated at a constant brightness. Of course, you can still adjust the monitor manually. The EcoView Index serves as a guide to how economical your setting is.

The EcoView Optimizer automatically reduces the back-light in dark images, thereby reducing power consumption. At the same time, the signal is amplified and the color tone values are adjusted. The result: you experience the usual image quality with lower consumption.

These EcoView technologies reduce overall power consumption by up to 50 %* compared to the display at maximum brightness. Another plus: the automatic brightness adjustment can be easy on your eyes.

* Typical power consumption when no USB Power Delivery is used.

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.



Comprehensive product sustainability

FlexScan monitors from EIZO are produced in accordance with international environmental regulations and in a socially responsible manner. Suppliers along the supply chain are carefully selected and have also committed themselves to this responsibility. During the design process, attention was paid to the low use of resources with high-quality components and materials as well as careful production. In addition, FlexScan monitors protect resources and the climate thanks to their long service life, warranty and reparability.

[Read detailed information about product sustainability here.](#)



Environmentally conscious use of materials

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.



Cushioning environmental impact

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.



Collective packaging on demand

Depending on the quantity and delivery time, EIZO offers an alternative packaging option with four monitors and four separate stands in one shipping unit each.

This reduces packaging waste, increases shipping efficiency and shortens unpacking and installation time.



Space-saving collective packaging: 1) monitors, 2) stands

Compliance with standards and guidelines

The monitor is certified to important and comprehensive sustainability standards such as TCO Certified Generation 10 and ENERGY STAR®. It also has an EPEAT Gold registration for compliance with strict sustainability standards at the highest level, which is even complemented by a Climate + award on science-based climate protection standards.

The EV2490 represents a safe investment if aspects such as ESG (environmental, social and corporate governance) or SDG (Sustainable Development Goals) of the United Nations are to be observed and required guidelines are to be complied with.



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 color	Black White
Areas of application	Office
Product line	FlexScan
Areas of application	Large and medium-sized companies, Private user & small business, Home Office, Finance
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047063315 4995047063322

SCREEN

Screen size [in inches]	23.8
Screen size [in cm]	60.5
Format	16:9
Viewable image size (width x height) [in mm]	527 x 296
Ideal and recommended resolution	1920 x 1080 (Full HD)
Pixel pitch [in mm]	0.275 x 0.275
Pixel density [in ppi]	93
Supported resolutions	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 [in °]	178
Max. viewing angle vertical [in °]	178
Number of colors or greyscale	16.7 million colors (DisplayPort, 8 Bit), 16.7 million colors (HDMI, 8 Bit), 16.7 million colors (USB-C, 8 Bit)
Color palette/look-up table	1.06 billion color tones / 10 Bit
Max. color space (typical)	sRGB
Max. brightness (typical) [in cd/m ²]	250
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	5
Backlight	LED

FEATURES & OPERATION

USB-C docking	✓
LAN/RJ-45	✓
KVM switch	✓
Preset color/greyscale modes	2x manual memory locations, sRGB, Paper, Movie, DICOM
DICOM tone curve	✓
Auto EcoView	✓
EcoView Index	✓
EcoView Optimizer	✓
Overdrive	✓
No flickering	✓
HDCP Decoder	✓
Automatic signal input recognition	✓
Built-in speakers	✓
On-screen menu languages	de, en, fr, es, it, se
Adjustment 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

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3), HDMI (HDCP 1.4)
Signal outputs	USB-C (for daisy chain)
Daisy-chain capable	✓
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
Graphic signal	USB-C, DisplayPort, HDMI (RGB, YUV)
Audio input	USB-C, DisplayPort, HDMI
Audio / headphone 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 watts]	11
Maximum Power Consumption [in watts]	155 (at maximum brightness and operation of all signal and USB ports as well as full charging power)
Max. Power consumption in stand-by mode [in watts]	0.5
Power consumption with power switch off [in watts]	0
Energy efficiency class	C
Energy consumption/1000h [in kWh]	9
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz
Max. USB-C Power Delivery [in Watt]	70
Power Management	✓

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	537,8 x 332,4 - 523,6 x 230
Weight (incl. stand) [in kg]	7.2
Dimensions (without stand) (width x height x depth) [in mm]	538 x 320 x 57
Weight (without stand) [in kg]	4.5
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	344
Tiltability forwards/backwards [in °]	5 / 35
Pivot between portrait / landscape	clockwise and anti-clockwise
Height adjustment range [in mm]	191.2
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Certification	CE, UKCA, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TCO Certified Generation 10, EPEAT 2018 (US), TÜV/Low Blue Light Content, TÜV/Flicker Free, RCM, cTUVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, EPA ENERGY STAR, RoHS, WEEE, China RoHS, CCC
EPEAT	EPEAT 2018 Gold (US), EPEAT Climate +

WARRANTY

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

SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	Screen InStyle
Other box contents	USB/signal cable (USB-C - USB-C), Power cord, Manual via download, Quick guide
Accessories	PM200-K (DisplayPort cable to transfer digital video and audio signals), CP200 (USB-C to DisplayPort cable), HH200PR-K (HDMI (High Definition Multimedia Interface) cable), CC100 (USB-C port cable), PP100-K (DisplayPort cable), PP200-K (DisplayPort cable), PCSK-03 (Thin client mount)



Experience the EV2490 in AR now!