→ **Product Website**   → **Video Playlist**   → **Experience in AR**

34.1" ultrawide office monitor

The EIZO FlexScan EV3450XC is optimized for the demands of the modern working world. With an integrated, high-resolution 5MP webcam, built-in microphone with noise and echo cancellation and feedback-free speakers, it is fully equipped for video conferencing. In addition, the curved ultrawide screen with a 34.1" diagonal, 21:9 format and UWQHD resolution (3440 x 1440 pixels) offers an extra large screen area for demanding applications or intensive multitasking. The webcam and infrared sensor support Windows Hello for convenient and secure unlocking of the computer using facial recognition. The EV3450XC's USB-C docking connects video, audio and USB data signals and charges laptops with 94 watts of power. The integrated LAN port enables stable online conferences. Image reproduction with the EV3450XC is sharp, clear, fast and flicker-free. When scrolling and positioning windows or images, the readable display appears in fractions of a second - faster than it can be perceived. Power consumption and energy efficiency are always in view. This also applies to colors, which are displayed in sRGB free of oversaturation. Equipped in this way, the EV3450XC is ideally tailored to the challenges of companies that rely on hybrid forms of work with a combination of office work and remote work.

- ✓ 34.1" curved ultrawide monitor with 21:9 format and 3440x1440 pixels (109 ppi) for excellent readability
- ✓ 5 MP webcam, microphone with noise canceling, integrated speaker and audio connection
- ✓ Docking function via USB-C with DisplayPort signal, LAN and power supply up to 94 watts
- ✓ Signal inputs: USB-C (DisplayPort Alt Mode), DisplayPort, dual HDMI

- ✓ Auto EcoView, EcoView Index and EcoView Optimizer for maximum energy savings and optimum ergonomics
- ✓ KVM switch and picture-in-picture operation for up to 2 computers/signal sources
- ✓ Optionally in black or white housing color
- ✓ Demonstrably environmentally conscious and socially responsible production
- ✓ 5-year warranty for maximum investment security

Conferencing
Collaboration without compromise

Everything for perfect online meetings

The monitor's webcam and microphone are discreetly integrated into the top bezel of the housing, blending unobtrusively into the workstation. Powerful video and audio functions make web communication easier.

Integrated webcam

The EV3450XC's 5 megapixel webcam offers more than twice the resolution of Full HD, providing high-resolution image capture in natural colors for a vivid web meeting experience.

The monitor supports Windows Hello, which allows you to quickly unlock your PC using facial recognition, simplifying access without a password and increasing security at the same time. The camera can be completely locked with a mechanical shutter.

Clear audio quality

The integrated microphone has noise cancelling, which reduces unwanted background noise. It also has echo cancelling, which identifies and removes noise from the monitor's internal speakers to prevent feedback. This ensures that your voice in web meetings is transmitted without interference and is intelligible to your conversation partners.

Noise Cancelling

Echo cancelling

Hear well in any situation

There are two 4-watt stereo speakers in the front panel of the monitor. The sound is clear and distinct, regardless of whether the monitor is used by a single person or by several people in a conference room.

However, headphones can also be connected quickly and easily in an open-plan office, as the input is conveniently located on the side.

Speakers

Headphone

Design
A pleasing sight on any desk

Plenty of space, comfortable view

The EV3450XC impresses with a 34.1-inch diagonal and an ultrawide aspect ratio of 21:9. Its 3440 x 1440 pixels (UWQHD) correspond to 2.4 times a Full HD resolution and combine with the screen area to create a 109 display. The result: sharp, clear images. Several applications can easily fit on the large monitor at the same time, meaning that a second monitor is usually not required.

The curved design ensures comfortable visibility. The distance between your eyes and the screen increases towards the edges, something that becomes even more obvious when you sit closer to the monitor. In contrast to a consistently flat surface, the monitor's curvature gives you a better view of the sides of the screen.

Resolution

Comfortable visibility

Elegant design

The look of a monitor can be key to creating a pleasant working environment. Whether you're at home or in the office, the monitor's minimalist design and ergonomic features allow it to fit naturally into your workplace environment.

Thanks to its virtually frameless housing and slim, stable stand, the monitor requires very little space despite its

large screen size, meaning the EV3450XC leaves plenty of space to work comfortably, even on smaller desks.

The housing is available in an elegant black or in white, with matching white cables.

Tidy cable routing

A multitude of connection options means lots of cables.The EV3450XC is clutterless, since it is equipped with a cable duct and a detachable backplate. These features make sure the back of the device is kept nice and tidy, rounding off the very sophisticated design.

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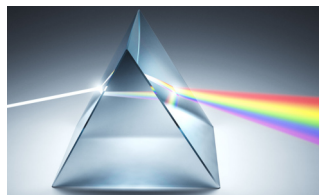# Precise, high-contrast, bright and crisp screen

Maximum image quality thanks to the IPS panel

The monitor is capable of all three key elements of excellent image quality: excellent resolution of 3440 x 1440 pixels, maximum contrast of 1000:1, and stable brightness of up to 300 cd/m^2. 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.
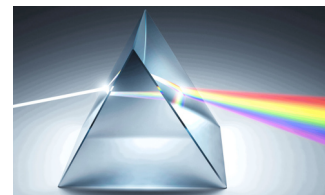
Precise color control

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. The EV3450XC displays colors in sRGB free of oversaturation.

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.

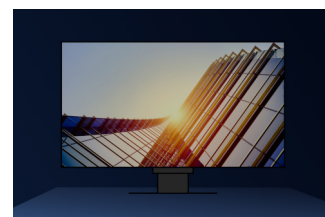# Ergonomics
Working in a relaxed manner

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.
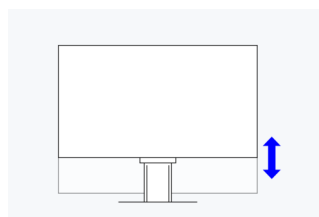
ANTI-GLARE COATING
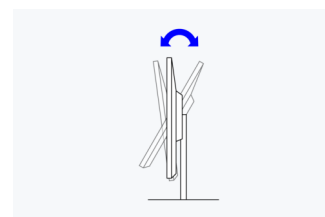## More image, less reflection

The EV3450XC offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV3450XC 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.
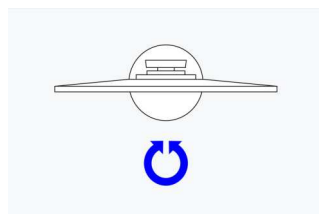
Ergonomic stand

Ergonomic and stable: the adjustable stand focuses on ergonomics. You can 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
195 mm

Tilt
Between 5° forwards and 35° backwards

Swivel
90°

Variety of ports
Best connectivity

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.

HDMI

DisplayPort
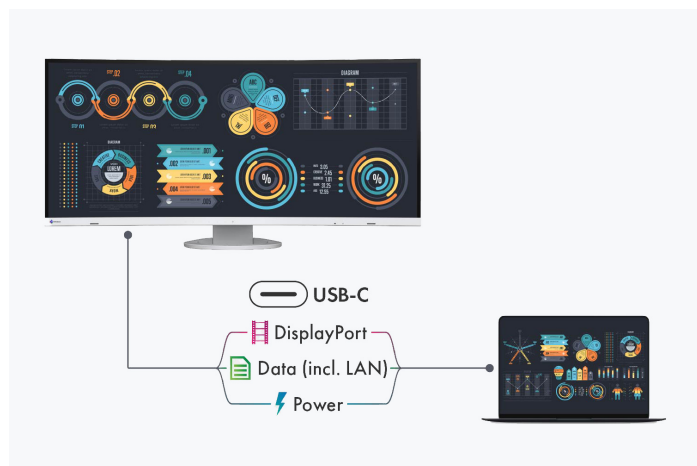
USB-C

USB

Ethernet

USB

USB-C

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 EV3450XC 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 94 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.

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 EV3450XC 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 EV3450XC 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.
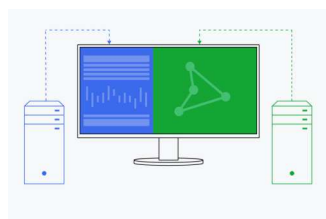
Software and ease of use
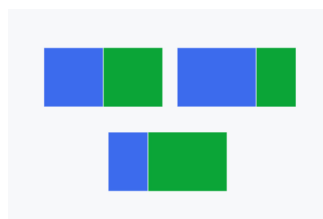# Features for greater comfort

Picture-by-picture: everything at a glance

If multiple computers are connected with the monitor, picture-by-picture mode allows you to view two signal sources on the screen independently. This saves time and means you don't have to switch constantly between different video and audio sources.

Three pre-set picture-by-picture layouts are available at the push of a button, allowing you to comfortably display multiple applications in different sizes.

Picture-by-picture mode   **Pre-set layouts**

Screen InStyle

In addition to the on-screen menu, you can conveniently control the EV3450XC 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.
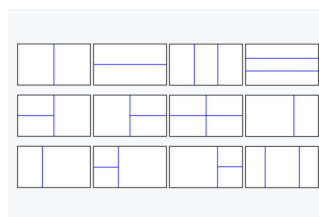
Learn more about Screen InStyle here

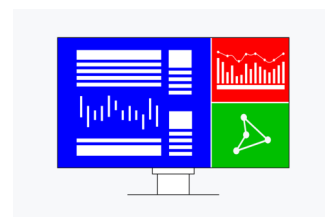## Organize your desktop with the Screen Layout function

In most work environments, it is common to have several apps such as web conferencing, word processing, brow-

sers and other programs open and visible at the same time.

With the "Screen Layout" function of Screen InStyle, you can arrange the windows of the various programs clearly on the screen and thus work much more efficiently. In addition to predefined layouts, you can freely select window sizes and positions for individual layouts.

Different layouts   **With screen layout function**

Without screen layout function

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

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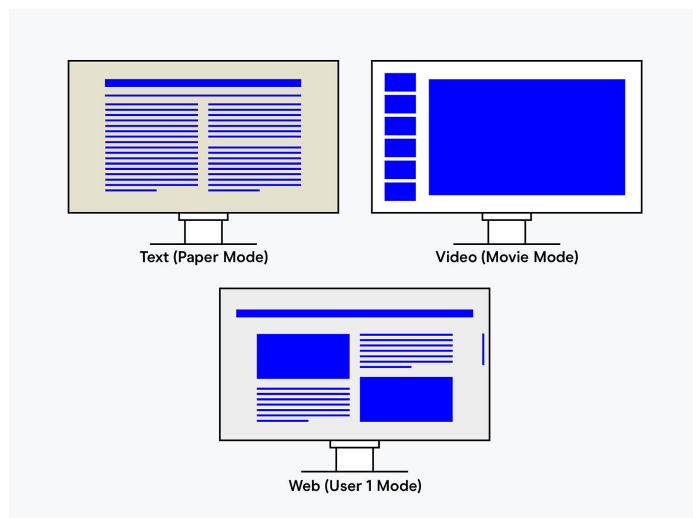
Workload reduction for administrators: The software allows you to create a default setup for all relevant monitor settings. This setup can be distributed to the connected monitors via the local network which facilitates the roll-out process.

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 (Paper Mode)   Video (Movie Mode)
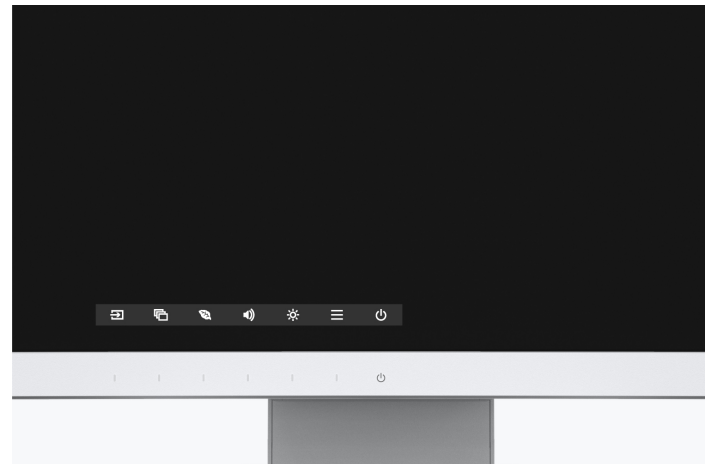
Web (User 1 Mode)

Operation made easy

Electrostatic switches are integrated into the front of the EV3450XC 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.

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 backlight 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 0.4 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 repairability.

Read detailed information about product sustainability here.

Environmentally conscious use of materials

The EV3450XC is made of more than 80% recycled plastic. This reduces the amount of plastic waste entering the environment, conserves resources and promotes the reuse of materials.
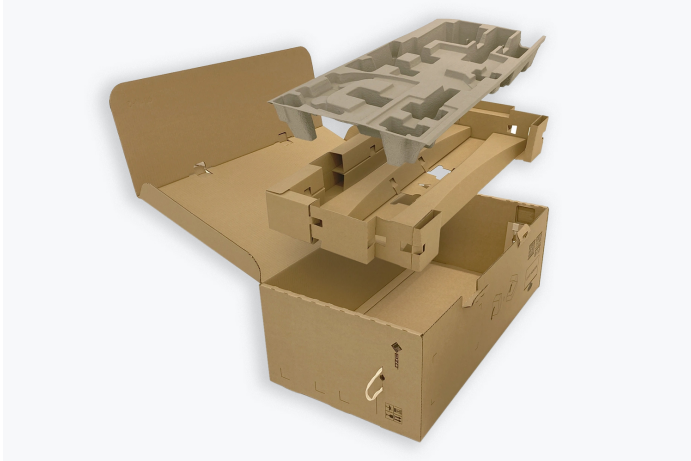
Reducing the use of volatile organic compounds (VOCs) in material production, such as those found in certain paints and varnishes, is also of global interest.

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 EV3450XC, 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 to important and comprehensive sustainability standards such as TCO Certified Gene-

ration 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 EV3450XC 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.

SUSTAINABLE DEVELOPMENT GOALS
Our Contribution to SDGs

As part of its sustainability initiatives, EIZO is contributing towards the United Nations' Sustainable Development Goals (SDGs).

Environmentally Conscious Product Development
FlexScan embodies EIZO's commitment to sustainability through the use of recycled materials and low-impact components. The monitors are optimized for energy efficiency, contributing to lower greenhouse gas (GHG) emissions.
EIZO also collects and recycles used products to further minimize environmental impact. We strive to promote efficient and circular resource use across every stage of the product lifecycle - from parts and materials procurement to manufacturing, transportation, user experience, and end-of-life disposal.
All production sites at EIZO's headquarters in Japan operate on 100% renewable energy.
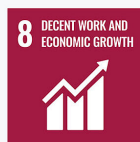Learn more

Workstyle Innovation and Productivity
FlexScan offers a versatile lineup and user-friendly features to support a wide range of workstyles. Each monitor can be adjusted to match individual preferences for screen position and display settings, while integrated eye care technologies help reduce eye fatigue during use. With reliable image quality and thoughtful design, FlexScan empowers business professionals to work more efficiently and comfortably.
Learn more

Learn more about EIZO's sustainability initiatives

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.

Warranty
Highest investment security

Technical Data

GENERAL

Item no.	EV3450XC-BK EV3450XC-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, CAD, Finance, Hospital administration
EAN	4995047067368 4995047067351

SCREEN

Screen size [in inches]	34,1
Screen size [in cm]	86,7
Format	21:9 (Ultrawide)
Bending radius [in mm]	3800
Viewable image size (width x height) [in mm]	799,8 x 334,8
Ideal and recommended resolution	3440 x 1440
Pixel pitch [in mm]	0,233 x 0,233
Pixel density [in ppi]	109
Supported resolutions	3440 x 1440, 2560 x 1440, 1920 x 1200, 1920 x 1080 (Full HD), 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 [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	More than 1.06 billion color tones /14-bit
Max. color space (typical)	sRGB
Max. brightness (typical) [in cd/m²]	300
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	5
Backlight	LED

CONNECTIONS

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3/2.3), Display-Port (HDCP 1.3/2.3), 2x HDMI (HDCP 1.4/2.3)
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type C (DisplayPort Alt Mode, 94 W max.), 1 x type B
USB downstream ports	1 x type C (15 W charging function), 2x type A
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

FEATURES & OPERATION

USB-C docking	✔
LAN/RJ-45	✔
Camera	5 MP, aperture angle ~80°, privacy shutter, status LED, incl. IR sensor for Windows Hello
Microphone	Frame-integrated with active noise canceling
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	✔
Sensors	IR sensor for Windows Hello
Automatic signal input recognition	✔
Picture-by-Picture	✔
Built-in speakers	✔ (8 Watt / 4 + 4 Watt)
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, Picture-by-Picture, Resolution, Scaling, Monitor reset, OSD language, Signal input, All EcoView functions, Volume, Key lock
Button Guide	✔
Integrated power unit	✔

ELECTRICAL DATA

Frequency	USB-C: 31-89,5 kHz/ 29,5-61 Hz; DisplayPort: 31-89,5 kHz/ 29,5-61 Hz; HDMI: 31-89,5 kHz/29,5-61 Hz
Power consumption (typical) [in watts]	23
Maximum Power Consumption [in watts]	222 (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]	0.4
Power consumption with power switch off [in watts]	0
Energy efficiency class	F
Energy consumption/1000h [in kWh]	25
Power supply	AC 100-240V, 50/60Hz
Max. USB-C Power Delivery [in Watt]	94
Power Management	✔

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	819,5 x (414,5 – 609,5) x 242 – 250,1
Weight (incl. stand) [in kg]	12.1
Dimensions (without stand) (width x height x depth) [in mm]	819,5 x 385 x 103,1
Weight (without stand) [in kg]	9.2
Dimension drawing (PDF)	Dimension drawing (PDF)
Rotatability of the stand [in °]	90
Tiltability forwards/backwards [in °]	5 / 35
Height adjustment range [in mm]	195
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Certification	CE, UKCA, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TCO Certified Generation 10, TÜV/Low Blue 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
EPEAT	EPEAT 2018 Gold (US), EPEAT Climate +

SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	Screen InStyle, Screen InStyle Server, MAC Address Clone Utility, Monitor Configurator
Other box contents	USB/signal cable (USB-C - USB-C), USB cable (Type A - Type B), Signal cable DisplayPort - DisplayPort, Power cord, Manual via download
Accessories	PCSK-04 (Thin Client Mount), PM200-K (DisplayPort cable to transfer digital video and audio signals), CP200 (USB-C to DisplayPort cable), CC100 (USB-C port cable), PP100-K (DisplayPort cable)

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 subpixels (sub-pixels ISO 9241-307) for six months from date of purchase.

Experience the EV3450XC in AR now!