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The FlexScan EV3285 features a 4K UHD LCD with 3840 × 2160 pixels. It is perfectly suited for conveniently working with multiple applications, thanks to its 31.5-inch screen diagonal. Moreover, its pixel density of 140 dpi ensures crystal clear images of graphics and text. The monitor's frameless design makes it perfect for cutting-edge, multi-display workstations and ensures that users can observe the displayed image without any distractions. The housing is available in either black or white, with cables in matching colours. The monitor is equipped with two HDMI ports, as well as a DisplayPort and USB Type-C port. As a result, it can be connected to virtually any PC. The USB Type-C port supplies up to 60 W of power to charge notebooks and other devices.

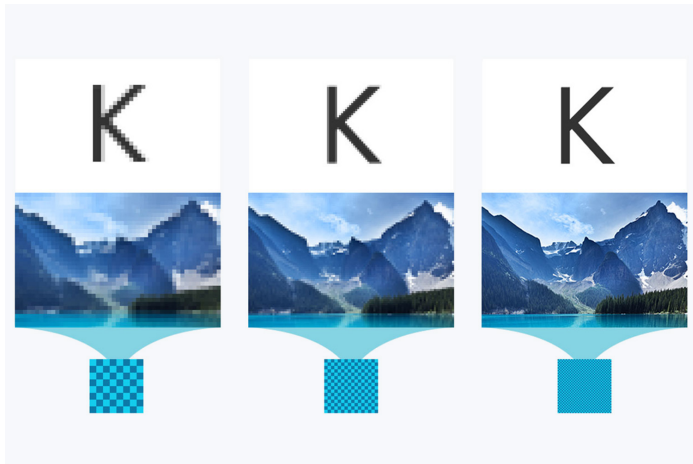
- ✓ 31.5-inch Ultra HD 4K monitor with a large display and fine resolution of 140 ppi
- ✓ Docking functionality for tablets, notebooks, and smartphones made possible by the USB-C 3.1 port with the DisplayPort signal channel and max. 60 W power supply
- ✓ 3.8 mm bezels: ultra-compact and ultra-sleek design
- ✓ Housing comes in either black or white
- ✓ 1300:1 contrast ratio, brightness: 350 cd/m², 178° viewing angle
- ✓ Auto EcoView, EcoView Index, and EcoView Optimizer for maximum power savings and superb ergonomics
- ✓ USB Type-C (DisplayPort Alt Mode), DisplayPort, 2 x HDMI

Image quality

Precise, high-contrast, bright and crisp screen

4K resolution for ultra-sharp texts and images

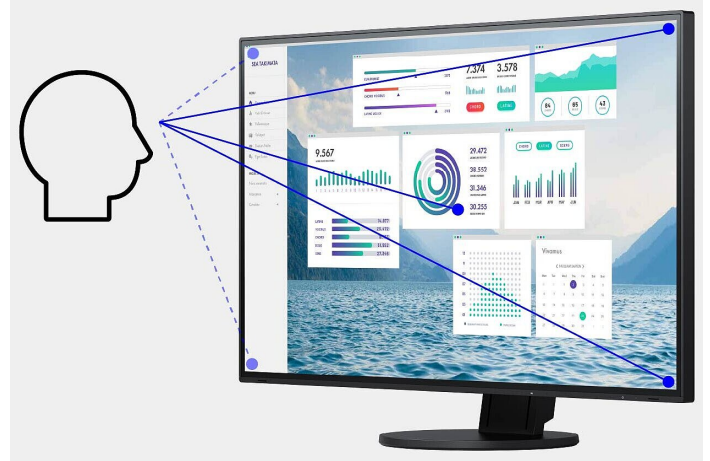
Be it CAD, office, or video applications, the FlexScan EV3285 with its 4K ultra HD resolution supports your work with its extraordinary display quality. Thanks to a native resolution of 3840 x 2160 (4K UHD) pixels and 140 ppi (pixels per inch), the 31.5 monitor presents texts and graphics clearer and more precisely than ever before.



Maximum image quality thanks to the IPS panel

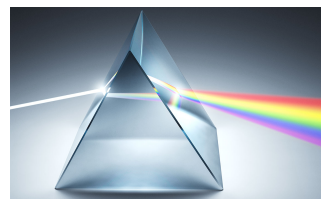
The monitor is capable of all three key elements of excellent image quality: excellent resolution of 3840 x 2160 (4K UHD) pixels, maximum contrast of 1300:1, and stable brightness of up to 350 cd/m². That means you will experience razor-sharp text contours, brilliant graphics, and

clear images. Thanks to the high-quality IPS panels with LED backlight, contrasts and colours remain stable from every viewing angle.

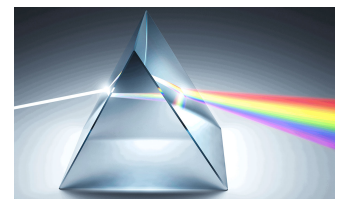


Precise color control

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 s on average. You can watch films and rapidly changing images without annoying afterglow.

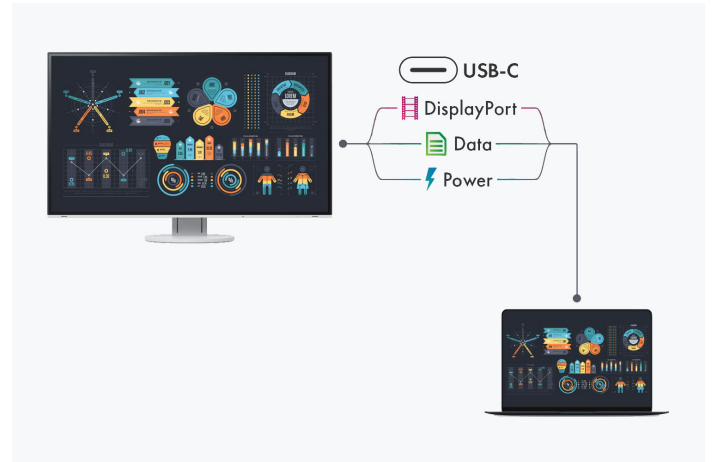


Variety of ports Best connectivity

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 60 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.

The monitor is compatible with the following USB-C devices.



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.

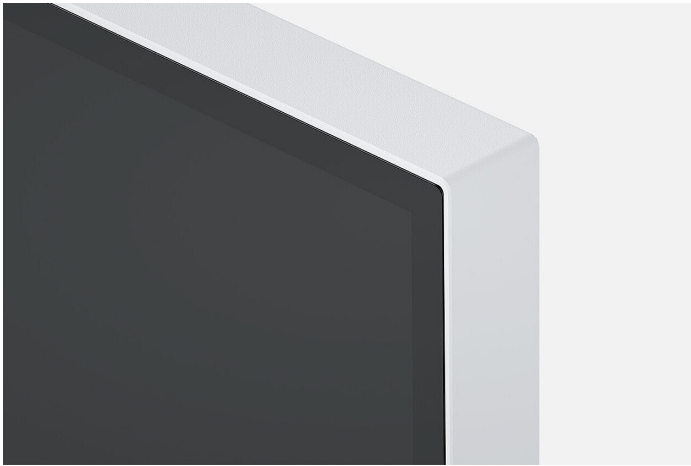


Design

A pleasing sight on any desk

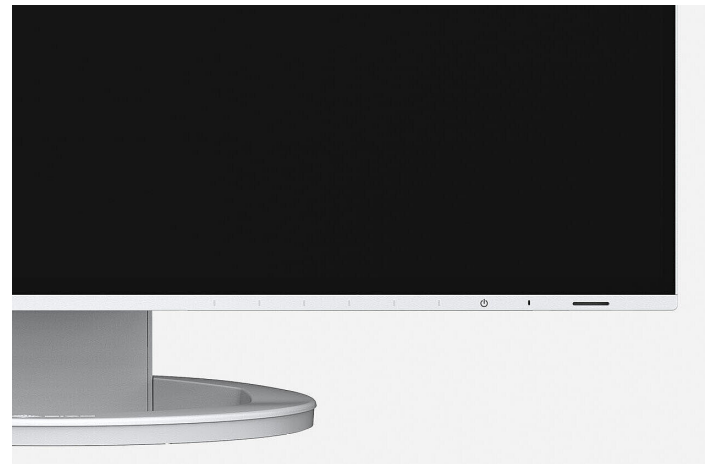
Elegant design

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.



Controls integrated into bezel

Electrostatic switches are integrated into the front of the EV3285 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.



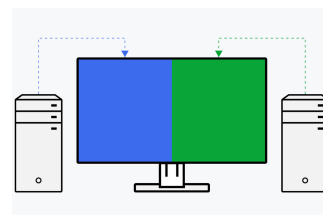
Software and ease of use

Features for greater comfort

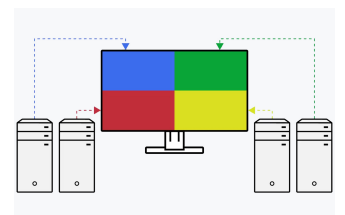
Picture-by-picture: everything at a glance

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

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



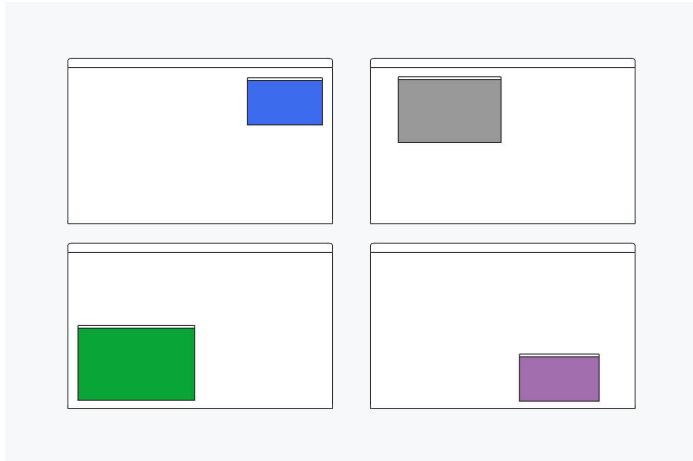
Pre-set layouts 1



Pre-set layouts 2

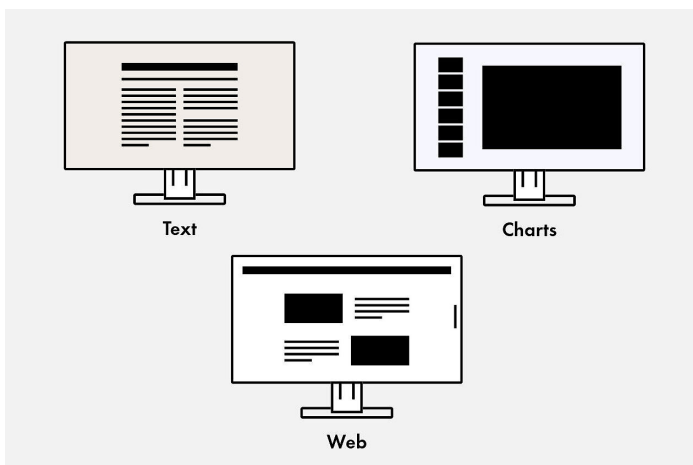
Picture-in-Picture

Picture-in-Picture mode allows you to display two image signals at the same time – a main image and a reduced-scale image from another signal source inserted into the main image. The size and position of the second window can be varied flexibly.



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.



Operation made easy thanks to the Button Guide

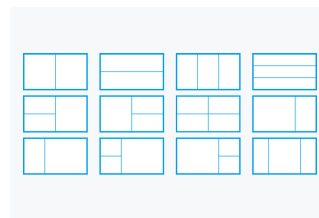
With the Button Guide, you have all functions at a glance. One touch of the control panel is enough, and the function assignment of the buttons is displayed. Your advantage: clarity of operation and a clean, uncluttered design.



Screen InStyle

In addition to the on-screen menu, you can conveniently control the EV3285 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.

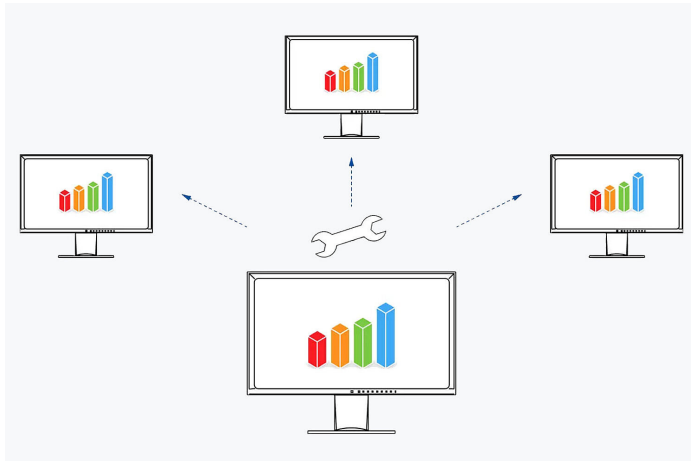


Screen layout function

FOR COMPANY-WIDE MONITOR SETTING

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.



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

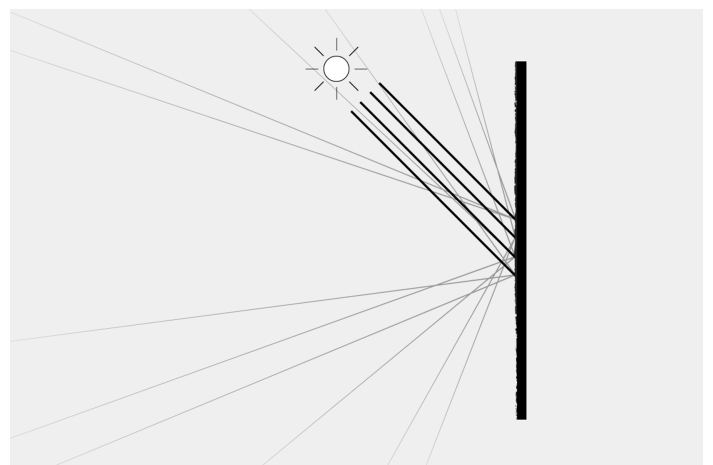
Flicker free

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.

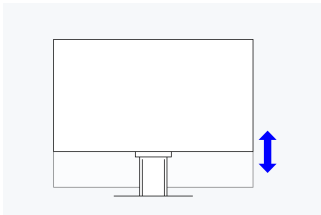
Anti-glare coating: more image, less reflection

The EV3285 offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV3285 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.

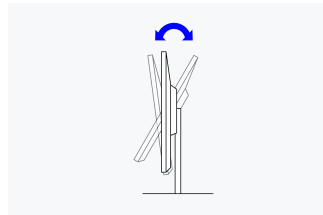


Flexible stand

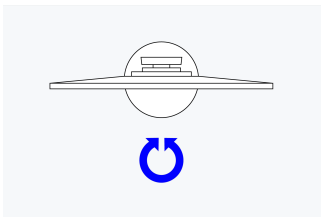
Ergonomic and stable: the adjustable stand focuses on ergonomics. You can rotate, swivel and tilt the monitor stand until you find the most comfortable setting for your back, neck and sitting posture. It features continuous height adjustment and can be lowered almost to the base plate of the stand, enabling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



Height
149 mm



Tilt
Between 5° forwards and 35° backwards



Swivel
344°

Sustainability

Environmentally and socially conscious production

ECOVIEW OPTIMIZER

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 EV3285 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 EV3285 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.



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		FEATURES & OPERATION	
Item no.	EV3285-BK EV3285-WT	USB-C docking	✓
Case colour	Black White	Preset colour/greyscale modes	2x manual memory locations, sRGB, Paper, Movie, DICOM
Solution area	Office	DICOM tone curve	✓
Product line	FlexScan	Auto EcoView	✓
Areas of application	Large and medium-sized companies, Private user & small business, Home Office, CAD, Finance, Control rooms	EcoView Index	✓
EAN	4995047051893 4995047051909	EcoView Optimizer	✓
DISPLAY		Overdrive	✓
Screen size [in inches]	31.5	No flickering thanks to hybrid controls	✓
Screen size [in cm]	80	Signal range extension (HDMI)	✓
Format	16:9	HDCP Decoder	✓
Viewable image size (width x height)	697 x 392	Input signal identification	✓
Ideal and recommended resolution	3840 x 2160 (4K UHD)		✓
Pixel pitch [mm]	0.181 x 0.181	Built-in speakers	✓
Pixel density [in ppi]	140	OSD language	de, en, fr, es, it, se
Resolution supported	3840 x 2160 (4K UHD), 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	OSD setting options	Color Mode, Brightness, Contrast, Color temperature/White point, Gamma, Overdrive, Colour tone, Color saturation, Picture-by-Picture, Resolution, Scaling, Image position, OSD language, Signal input, All EcoView functions, Volume
Panel technology	IPS	Button Guide	✓
Max. viewing angle horizontal	178	Integrated power unit	✓
Max. viewing angle vertical	178	CONNECTIONS	
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)	Video Input	2x HDMI (HDCP 1.4/2.2; 4K @ 60Hz), USB-C (DisplayPort Alt Mode, HDCP 1.3), DisplayPort (HDCP 1.3)
Colour palette/look-up table	More than 1.06 billion color tones /14-bit	USB specification	USB 5Gbps (USB 3)
Max. colour space (typical)	sRGB (100%)	USB upstream ports	1 x type C (DisplayPort Alt Mode, 60 W max.)
Max. brightness (typical) [in cd/m ²]	350	USB downstream ports	2 x type A (1 x 10.5 W battery charging function)
Max. dark room contrast (typical)	1300:1	Video signal	USB-C, DisplayPort, HDMI (RGB, YUV)
Response time grey-grey alternation (typical) [in ms]	5	Audio input	USB-C, DisplayPort, HDMI
Reaction time black-white-black-change (typical)	14	Audio output	3.5 mm stereo jack
Max. refresh rate [in hertz]	60		
Backlight	LED		

ELECTRICAL DATA

Frequency	USB-C: 31-134 kHz, 29-31 Hz/59-61 Hz; DisplayPort: 31-134 kHz, 29-31 Hz/59-61 Hz; HDMI: 31-135 kHz, 29-31 Hz/49-51 Hz/59-61 Hz
Power consumption (typical) [in watt]	33
Maximum Power Consumption [in watt]	163 (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	G
Energy consumption/1000h [in kWh]	34
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz
Power supply via USB C	60
Power management	✓

DIMENSIONS & WEIGHT

Dimensions [mm]	717 x (427 - 576) x 230
Weight [in kilograms]	11
Dimensions without stand [mm]	717 x 416 x 51,5
Weight without stand [in kilograms]	7.6
Link technical drawing	Dimension drawing (PDF)
Swivel	344
dimensionTilt	5 / 35
Height adjustment range [mm]	149
Hole spacing	100 x 100

CERTIFICATION AND STANDARDS

Certification	CE, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TCO Certified Generation 8, 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
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SOFTWARE & ACCESSORIES

Software	Screen InStyle
Additional supply	Signal cable HDMI - HDMI, USB/signal cable (USB-C - USB-C), Signal cable DisplayPort - DisplayPort, Manual via download, Power cord, Quick guide

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.

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