FlexScan **EV2400R**

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

24-inch office monitor

The 23.8-inch EV2400R monitor is specially designed for energy-efficient use in everyday office life and meets both important sustainability requirements and basic workplace needs. It combines the popular 16:9 screen format with advanced energy-saving features and typically consumes only 8 watts, which reduces the CO_2 footprint and energy costs. Its special Eco Mode activates the Auto EcoView and EcoView Optimizer functions to automatically adjust screen brightness to ambient light and image content, reducing power consumption by up to 60%. The EV2400R is also certified to global sustainability standards and its housing is made from over 50% recycled plastic. With up to 350 cd/m² brightness and 1500:1 contrast, the monitor offers clear image reproduction. It also features eye-friendly features such as anti-glare and flicker-free display. With a 100 Hz refresh rate, moving image content is displayed smoothly. DisplayPort and HDMI inputs, 4 USB downstream ports, and a versatile, ergonomic stand make the EV2400R fully office-ready.

- 24" office monitor in 16:9 format with ergonomic and space-saving design
- DisplayPort and HDMI inputs for digital signal connection
- Contrast ratio 1500:1, brightness 350 cd/m²
- Auto EcoView, EcoView Index, and EcoView Optimizer for maximum energy savings and optimal ergonomics
- USB hub with one upstream and four downstream ports
- 100 Hz refresh rate for clearer movements when scrolling and moving
- Certified environmentally conscious and socially responsible production
- Available in black or white housing color
- 7-year warranty for maximum investment security

wyswietlanie.com.pl

wyswietlanie.pl from unikomp

tel. 32 210 22 11

sklep@wyswietlanie.com.pl

Zapytaj o cenę specjalną

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

SEE MORE, WORK BETTER

Outstanding image quality

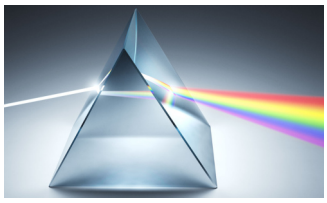
The monitor is capable of all three key elements of excellent image quality: excellent resolution of 1920 x 1080 (Full HD) pixels, maximum contrast of 1500:1, and stable brightness of up to 350 cd/m^2. That means you will experience razor-sharp text contours, brilliant graphics, and clear images. Thanks to the high-quality IPS panels with LED backlight, contrasts and colours remain stable from every viewing angle.

We do everything we can to achieve the perfect image. Read more about how we achieve our excellent image quality.

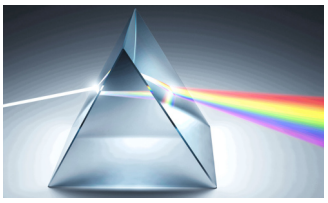
LOOK-UP-TABLE

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 to such an extent that gray-gray changes typically occur in just 5 ms. 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.

Sustainability
Environmentally and socially conscious production

SAVE ENERGY EFFORTLESSLY

Power saving functions

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.

Work energy-efficiently with power-saving monitors from EIZO. Read more about it.

Power consumption of only 8 watts

The EV2400R typically consumes only 8 watts of power. This helps reduce energy costs and lower your carbon footprint, supporting your sustainability goals.

Up to 60 % 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 power consumption indicator and EcoView Index give you an indication of how economical your settings are.

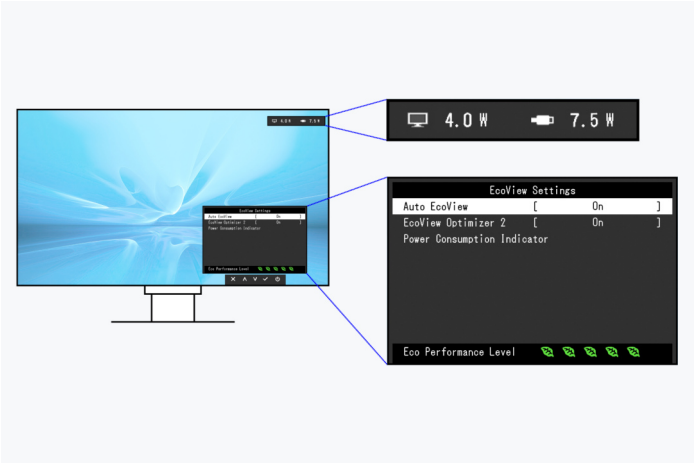
The EcoView Optimizer automatically reduces the backlight in dark images, thereby reducing power consumption. At the same time, the signal is amplified and the color tone values are adjusted. The result: you experience the usual image quality with lower consumption.

And best of all, the greatest energy savings can be achieved simply by selecting Eco mode.

These EcoView technologies reduce overall power consumption by up to 60 % compared to the display at maximum brightness. Another plus: the automatic brightness adjustment can be easy on your eyes.

Power consumption indicator

The power consumption indicator in the on-screen menu shows the power consumption of the monitor and connected USB devices in real time. Alternatively, you can display this information statically at the edge of the screen so you can see it at a glance.



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 0.37 watt in standby mode.

FOCUS ON THE ENVIRONMENT AND RESOURCES

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.

CONSERVING RESOURCES

Environmentally conscious use of materials

The EV2400R is made of more than 50% 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.

FOCUS ON THE ENVIRONMENT

Sustainable packaging

For the packaging of the EV2400R, 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.

REDUCING PACKAGING WASTE

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.

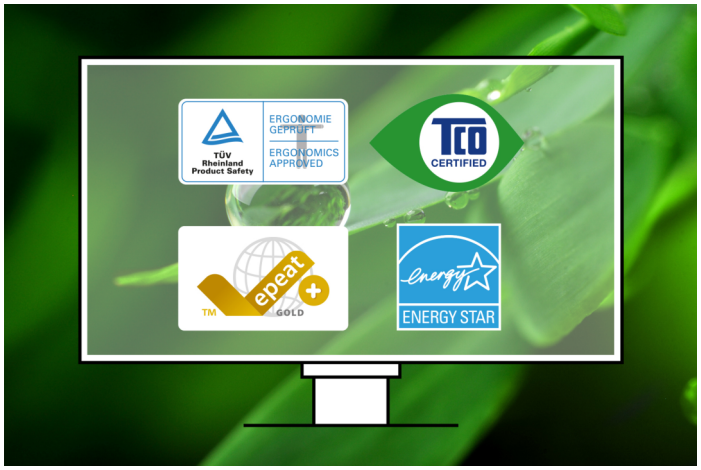
Space-saving collective packaging: 1) monitors, 2) stands

STANDARDS AND GUIDELINES

Compliance with sustainability standards

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 EV2400R 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).

Learn more about EIZO's sustainability initiatives here.

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

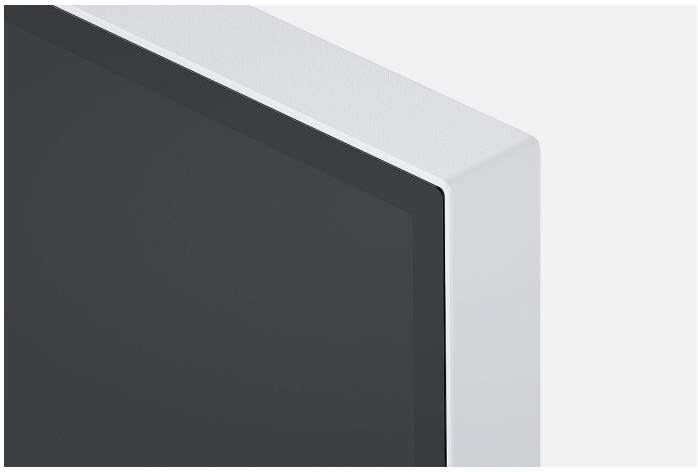
FlexScan offers a versatile lineup and user-friendly features to support a wide range of workstyles. Each monitor can be adjusted to match individual preferences for screen position and display settings, while integrated eye care technologies help reduce eye fatigue during use. With reliable image quality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

Learn more about our FlexScan monitors.

Design
A pleasing sight on any desk

FOR EVERY WORK ENVIRONMENT
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.



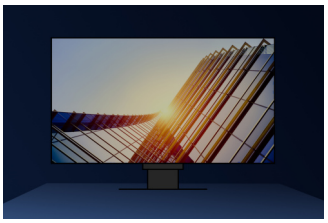
Ergonomics
Working in a relaxed manner

EASY ON THE EYES WITH AUTO ECOVIEW
Automatic brightness control

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 still adjust the monitor manually. The power consumption indicator and EcoView Index give you an indication of 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.

SMOOTHER MOVEMENTS
100 Hz refresh rate

The EV2400R supports a refresh rate of 100 Hz, ensuring smoother motion when scrolling and moving windows.

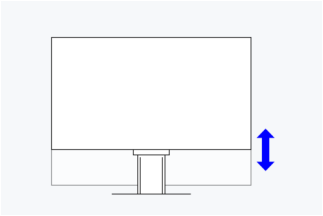
MORE IMAGE, LESS REFLECTION
Optimal anti-glare coating

The EV2400R offers a perfect, non-glare surface. By minimising glare by diffusing the reflected light, the EV2400R 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.

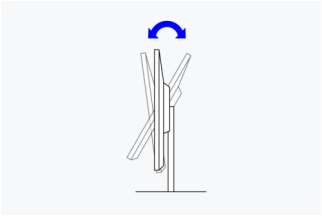
FLEXIBLE ADJUSTMENT

Ergonomic stand

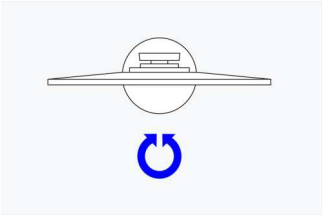
Ergonomic and stable: the adjustable stand focuses on ergonomics. You can rotate, swivel and tilt the monitor stand until you find the most comfortable setting for your back, neck and sitting posture. It features continuous height adjustment and can be lowered almost to the base plate of the stand, enabling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



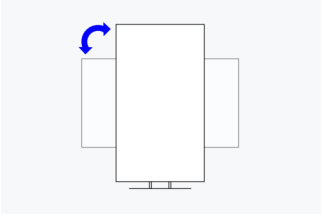
Height
140 mm



Tilt
Between 5° forwards and 35° backwards



Swivel
344°



Rotation
clockwise and anti-clockwise

Variety of ports
Best connectivity

CONVENIENTLY CONNECTED

One monitor, many ports

It couldn't be easier: Most end devices, such as PC, laptop, mouse or keyboard, 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.

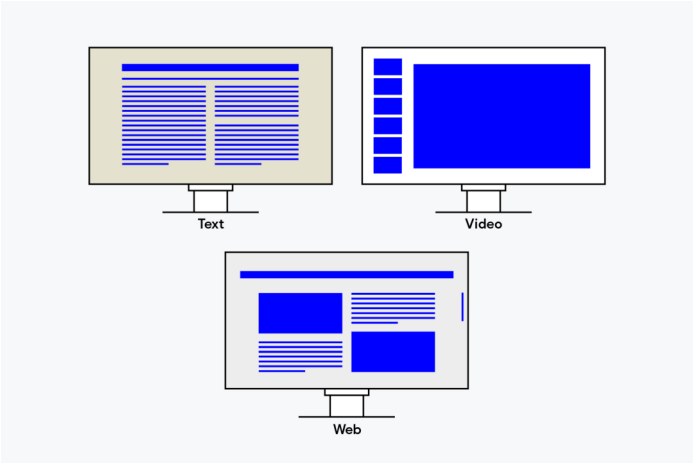
Learn more about the connectivity of EIZO monitors.

Software and ease of use
Features for greater comfort

PRESET COLOR MODES

Optimized color 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.



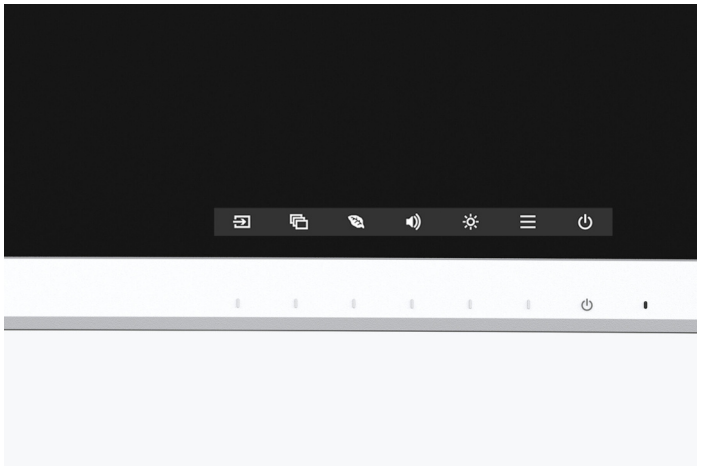
BUTTON GUIDE

Operation made easy

Electrostatic switches are integrated into the front of the EV2400R 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 EV2400R 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.

Learn more about the Monitor Configurator software.

Warranty
Highest investment security

DESIGNED FOR TRUST, BUILT FOR THE FUTURE.

7-Year Warranty

EIZO has always stood for uncompromising quality. With the world's first* 7-year warranty, EIZO is now setting another standard for long-term reliability and investment security. Right from the design and development stages, the EV2400R was engineered for exceptional quality and reliability.

EIZO's quality promise is based on an integrated approach, from the first sketch to the finished product. Research and development, manufacturing, and quality control—every phase is carried out in-house at the headquarters in Japan. This enables precise, continuous monitoring and forms an important foundation for product and image quality. The result is monitors that are characterized by durability, reliable operation, and consistently high performance. For monitors you can rely on.

*According to EIZO research, as of June 2026.

Why are EIZO monitors so durable? Uncovering the exceptional quality that makes a 7-year warranty possible.

Technical Data

GENERAL

Item no.	EV2400R-BK EV2400R-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, Control rooms
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047071341 4995047071365

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 296,5
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)
Color palette/look-up table	1.06 billion color tones / 10 Bit
Max. color space (typical)	sRGB
Max. brightness (typical) [in cd/m²]	350
Max. dark room contrast (typical)	1500:1
Response time grey-grey alternation (typical) [in ms]	5
Max. refresh rate [in Hz]	100
Backlight	LED

CONNECTIONS

Signal inputs	DisplayPort (HDCP 1.3), HDMI (HDCP 1.4)
USB specification	USB 5Gbps (USB 3), USB 2
USB upstream ports	1 x type B
USB downstream ports	4 x Typ A (2 x 5Gbps (USB 3), 2 x USB 2)
Graphic signal	DisplayPort, HDMI (RGB, YUV)
Audio input	DisplayPort, HDMI

FEATURES & OPERATION

Preset color/greyscale modes	2x manual memory locations, sRGB, Eco, Paper, Movie, DICOM
DICOM tone curve	✓
Auto EcoView	✓
EcoView Index	✓
EcoView Optimizer	✓
Power consumption display	Display of power consumption from the monitor and connected USB devices
Overdrive	✓
No flickering	✓
HDCP Decoder	✓
Sensors	Energieverbrauchsanzeige des Monitors und der Geräte an den USB-Anschlüssen
Automatic signal input recognition	✓
Built-in speakers	✓ (2 Watt / 1 + 1 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, Scaling, Menu Rotation, Monitor reset, OSD language, Signal input, All EcoView functions, Volume, Key lock
Button Guide	✓
Integrated power unit	✓

ELECTRICAL DATA

Frequency	DisplayPort: 31-114 kHz / 59-100 Hz; HDMI: 31-114 kHz / 49-100 Hz
Power consumption (typical) [in watts]	8
Maximum Power Consumption [in watts]	43 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	0.37
Power consumption with power switch off [in watts]	0
Energy efficiency class	B
Energy consumption/1000h [in kWh]	8
Power supply	AC 100-240V, 50/60Hz
Power Management	✓

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	537,8 x 333,6 - 473,6 x 233
Weight (incl. stand) [in kg]	5.6
Dimensions (without stand) (width x height x depth) [in mm]	537,8 x 317,5 x 57
Weight (without stand) [in kg]	3.5
Dimension drawing (PDF)	Dimension drawing (PDF)
2D CAD data (DXF)	Download 2D CAD data (DXF)
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]	140
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, Monitor Configurator
Other box contents	USB cable (Type A - Type B), Signal cable DisplayPort - DisplayPort, Power cord, Manual via download, Quick guide
Accessories	PM200-K (DisplayPort cable to transfer digital video and audio signals), HH200PR-K (HDMI (High Definition Multimedia Interface) cable), PP100-K (DisplayPort cable), PCSK-03R (Thin Client Mount)

WARRANTY

Warranty periode	7 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.

Experience the EV2400R in AR now!

Find your EIZO contact:
EIZO Europe GmbH
Belgrader Straße 2
41069 Mönchengladbach
Phone: +49 2161 8210-0
www.eizo.eu

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