EIZO

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
- 5-year warranty for maximum investment security

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	✔
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)
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	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.

Experience the EV2400R in AR now!

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