FlexScan **EV4340X**



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

42.5" monitor with 4K resolution

With a 42.5 inch screen diagonal, the EIZO FlexScan EV4340X is ideal for use in control rooms, control centers, trading floors or similar work environments: Its 4K resolution (3840 x 2160 pixels) offers four times as much information as a Full HD monitor. In addition to two HDMI inputs and a DisplayPort connection, the monitor has full USB-C docking functionality including DisplayPort Alt Mode, transmission of video, audio and USB data signals and a power supply of up to 94 watts. The EV4340X also masters operation with multiple computers or image sources with ease. The integrated KVM switch allows the use of a keyboard and mouse combination on two computers. Thanks to its picture-in-picture (PbP) function, the monitor can display up to four video signals side by side. The button on the front can be used to conveniently switch between 12 available layouts. The picture-in-picture (PiP) function for two signal sources offers efficient screen utilization for presentations and meetings. These and other important functions can be controlled on the monitor or via the supplied remote control. Therefore, the EIZO FlexScan EV4340X is also well suited for wall mounting when buttons on the device are not accessible. Its slim design makes grouping in multi-screen systems particularly easy.

- 42.5" monitor with large display, 4K resolution and 104 ppi
- Signal inputs: USB-C (DisplayPort Alt Mode), display port, 2 x HDMI
- Picture-by-picture for 4 signal sources and picture-in-picture for 2 signal sources
- KVM switch function for 2 signal sources
- Docking function via USB-C with DisplayPort signal, LAN and power supply up to 94 watts
- Optionally in black or white housing color
- Contrast 1000:1, brightness 350 cd/m², 178° viewing angle
- Auto EcoView and EcoView Optimizer for maximum energy savings and optimum ergonomics
- Demonstrably environmentally conscious and socially responsible production
- 5-year warranty for maximum investment security

Technical Data

GENERAL

Item no.	EV4340X-BK EV4340X-WT
Case color	Black White
Areas of application	Office, Video surveillance
Product line	FlexScan
Areas of application	Video surveillance, CAD, Finance, Control rooms
EAN	4995047067450 4995047067498

SCREEN

Screen size [in inches]	42,5
Screen size [in cm]	108
Format	16:9
Viewable image size (width x height) [in mm]	941,2 x 529,4
Ideal and recommended resolution	3840 x 2160 (4K UHD)
Pixel pitch [in mm]	0,245 x 0,245
Pixel density [in ppi]	104
Supported resolutions	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
Panel technology	IPS
Max. viewing angle horizontal	178
Max. viewing angle vertical	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]	350
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	5
Backlight	LED

CONNECTIONS

LAN/RJ-45	✓
Signal inputs	2x HDMI (HDCP 1.4/2.3), DisplayPort (HDCP 1.3/2.3), USB-C (DisplayPort Alt Mode, HDCP 1.3/2.3)
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
LAN standards	IEEE802.3ab (1000BASE-T)
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	✓
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	✓
Imagen por imagen	✓
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, Picture-in-Picture, Resolution, Scaling, Image position, Input Range, OSD language, Signal input, All EcoView functions, Volume
Remote	✓
Integrated power unit	✓

ELECTRICAL DATA

Frequency	USB Type-C: 31 - 134 kHz / 29 - 61 Hz; DisplayPort: 31 - 134 kHz / 29 - 61 Hz; HDMI: 31 - 135 kHz / 29 - 61 Hz
Power consumption (typical) [in watts]	31
Maximum Power Consumption [in watts]	243 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	0.4
Power consumption with power switch off [in watts]	0
Energy efficiency class	E
Energy consumption/1000h [in kWh]	31
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]	966,8 x 631 x 225,2
Weight (incl. stand) [in kg]	15.9
Dimensions (without stand) (width x height x depth) [in mm]	966,8 x 571 x 89,9
Weight (without stand) [in kg]	15.2
Dimension drawing (PDF)	Dimension drawing (PDF)
Hole spacing	200 x 200; 100 x 100

CERTIFICATION & STANDARDS

Certification	CE, UKCA, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), 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
EPEAT	EPEAT 2018 Silver (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	Remote control, USB/signal cable (USB-C - USB-C), USB cable (Type A - Type B), Signal cable DisplayPort - DisplayPort, Manual via download, Power cord, Quick guide
Accessories	CP200, CC100, PP100-K

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 EV4340X in AR now!

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