FlexScan **EV3451X**



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34" ultrawide office monitor

FlexScan EV3451X – More overview. More efficiency. More future. The EV3451X was developed for modern work environments where productivity, flexibility, and sustainable investment are equally important. The 34.1-inch ultrawide display with UWQHD resolution (3440 × 1440) offers significantly more screen space than Full HD and allows you to comfortably view multiple applications on a single screen—without the distracting monitor bezels of a multi-monitor setup. The gentle curved design supports natural and focused work. With its USB-C port—which supports video, audio, network, and data transmission, as well as up to 94 watts of Power Delivery—the EV3451X serves as a central docking station for the workplace. An integrated KVM switch makes it easy to use two computers with just one keyboard and mouse. A seven-year warranty ensures maximum investment security. It underscores EIZO's high quality standards—Made in Japan—and supports sustainable IT strategies through an exceptionally long service life. This is complemented by compliance with recognized sustainability standards.

- 34.1-inch curved ultrawide monitor with a 21:9 aspect ratio and 3440 x 1440 pixels (109 ppi) for excellent readability
- Large curved display with a narrow bezel and sleek design
- Contrast ratio 1000:1, brightness 350 cd/m², 178° viewing angle
- 100 Hz refresh rate for smoother motion when scrolling and moving objects
- USB-C port with docking functionality for video output, USB, LAN, and power delivery up to 94 watts
- Signal inputs: USB-C (DisplayPort Alt Mode), DisplayPort, two HDMI
- Auto EcoView, EcoView Index, and EcoView Optimizer for maximum energy savings and optimal ergonomics
- KVM switch and picture-by-picture for two computers
- Proven to be produced in an environmentally conscious and socially responsible manner
- Available in black or white housing
- 7-year warranty for maximum investment security

Technical Data

GENERAL

Item no.	EV3451X-BK EV3451X-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, Control rooms
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047074700 4995047074687

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]	350
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	5
Max. refresh rate [in Hz]	100
Backlight	LED

FEATURES & OPERATION

USB-C docking	✓
LAN/RJ-45	✓
KVM switch	✓
Preset color/greyscale modes	BT.709, 2x manual memory locations, sRGB, Eco, Paper, DICOM
DICOM tone curve	✓
Auto EcoView	✓
EcoView Index	✓
EcoView Optimizer	✓
Overdrive	✓
No flickering	✓
HDCP Decoder	✓
Automatic signal input recognition	✓
Picture-by-Picture	✓
Built-in speakers	✓ (4 Watt / 2 + 2 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	✓

CONNECTIONS

Signal inputs	USB-C (DisplayPort Alt Mode, HDCP 1.3/2.3), DisplayPort (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), 3 x type A
Network connection	RJ-45
LAN standards	2.5GBASE-T
Audio input	USB-C, DisplayPort, HDMI
Audio / headphone output	3.5 mm stereo jack

ELECTRICAL DATA

Frequency	USB Type-C: 31 - 152 kHz / 29 - 101 Hz; DisplayPort: 31 - 152 kHz / 29 - 101 Hz; HDMI: 31 - 152 kHz / 29 - 101 Hz
Power consumption (typical) [in watts]	15
Maximum Power Consumption [in watts]	204 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	0.3
Power consumption with power switch off [in watts]	0
Energy efficiency class	C
Energy consumption/1000h [in kWh]	16
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]	816 x 382,7 - (577,7 x 242,6) - 250,2
Weight (incl. stand) [in kg]	11.9
Dimensions (without stand) (width x height x depth) [in mm]	816 x 368 x 92
Weight (without stand) [in kg]	9.3
Dimension drawing (PDF)	Dimension drawing (PDF)
2D CAD data (DXF)	Download 2D CAD data (DXF)
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), 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, Quick guide
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	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 EV3451X in AR now!

Find your EIZO contact:
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