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The EIZO FlexScan EV2456 meets the most demanding requirements of a modern computer workstation. Its image quality and ergonomic features are particularly impressive. With a resolution of 1920 x 1200 pixels, an IPS LCD panel with LED backlighting, and an anti-glare surface, this display excels at detailed, crystalclear image reproduction. This is fantastic for office work. Auto EcoView ensures a clear, anti-glare view of the screen and adapts the display brightness to the ambient lighting conditions. The ultra-slim monitor is very compact, thanks to its extremely narrow bezel. The monitor is virtually frameless and is particularly impressive when used for multi-screen viewing. Screen InStyle software, included in the delivery, allows you to control the screen from a Windows PC or from the network. You can operate multiscreen solutions in parallel using Screen InStyle.

- ✔ 24.1" LCD monitor with 16:10 aspect ratio and IPS technology for outstanding image quality
- ✔ Bezel only 1 mm on both sides and at the top: extremely compact and elegant design
- ✔ Contrast 1000:1, brightness 350 cd/m², 178° viewing angle
- ✔ Flicker-free image reproduction thanks to hybrid brightness control
- ✔ Auto EcoView, EcoView Index, and EcoView Optimizer For maximum power savings and superb ergonomics
- ✔ Integrated speakers and headphone jack
- ✔ USB 3.0 hub with one upstream and two downstream ports
- ✔ DisplayPort, HDMI, DVI-D, and D-sub inputs for digital and analogue connection
- ✔ 5-year warranty for highest investment security

Technical Data

GENERAL

Item no.	EV2456-BK EV2456-WT
Case color	Black White
Areas of application	Office
Product line	FlexScan
Areas of application	Large and medium-sized companies, Private user & small business, CAD, Finance, Control rooms
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows
EAN	4995047049722 4995047049739

SCREEN

Screen size [in inches]	24.1
Screen size [in cm]	61.1
Format	16:10
Viewable image size (width x height) [in mm]	518 x 324
Ideal and recommended resolution	1920 x 1200
Pixel pitch [in mm]	0.27 x 0.27
Pixel density [in ppi]	94
Supported resolutions	1920 x 1200, 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 (D-Sub, 8 Bit), 16.7 million colors (DVI, 8 Bit), 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/m ²]	350
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	5
Backlight	LED

CONNECTIONS

Signal inputs	D-Sub, DisplayPort (HDCP 1.3), HDMI (HDCP 1.4), DVI-D (HDCP 1.4)
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type B
USB downstream ports	2x type A
Graphic signal	DVI Single Link (TMDS), RGB Analog, DisplayPort, HDMI (RGB, YUV)
Sync formats	Separate
Audio input	3.5 mm stereo jack, DisplayPort, HDMI
Audio / headphone output	3.5 mm stereo jack

FEATURES & OPERATION

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	✓
Built-in speakers	✓
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, Resolution, Scaling, OSD language, Signal input, All EcoView functions, Volume
Button Guide	✓
Integrated power unit	✓

ELECTRICAL DATA

Frequency	Display Port: 31-76 kHz/59-61 Hz; HDMI: 31-76 kHz/49-61 Hz; DVI-D: 31-76 kHz/59-61 Hz; D-Sub: 31-81 kHz/55-76 Hz;
Power consumption (typical) [in watts]	11
Maximum Power Consumption [in watts]	44 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	0.5
Power consumption with power switch off [in watts]	0
Energy efficiency class	D
Energy consumption/1000h [in kWh]	14
Power supply	AC 100-120 V / 200-240 V, 50/60 Hz

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	531 x 351,4 - 510,1 x 190
Weight (incl. stand) [in kg]	5.7
Dimensions (without stand) (width x height x depth) [in mm]	531 x 341,9 x 45,5
Weight (without stand) [in kg]	3.7
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]	158.6
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Certification	CE, UKCA, CB, TÜV/GS, TÜV/Ergonomics (including ISO 9241-307), TCO Certified Generation 9, 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
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SOFTWARE & ACCESSORIES

Accompanying software and other accessories are available for download	Screen InStyle
Other box contents	USB cable (Type A - Type B), Signal cable DisplayPort - DisplayPort, Manual via download, Power cord, Quick guide
Accessories	PM200-K, CP200, HH200PR-K, PCSK-03

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.

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