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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		FEATURES & OPERATION	
Item no.	EV2456-BK EV2456-WT	Preset color/greyscale modes	2x manual memory locations, sRGB, Paper, Movie, DICOM
Case color	Black White	DICOM tone curve	✓
Areas of application	Office	Auto EcoView	✓
Product line	FlexScan	EcoView Index	✓
Areas of application	Large and medium-sized companies, Private user & small business, CAD, Finance, Control rooms	EcoView Optimizer	✓
Specific system requirements	None, compatible with most computers and operating systems including macOS and Windows	Overdrive	✓
EAN	4995047049722 4995047049739	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	✓
SCREEN		ELECTRICAL DATA	
Screen size [in inches]	24.1	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;
Screen size [in cm]	61.1	Power consumption (typical) [in watts]	11
Format	16:10	Maximum Power Consumption [in watts]	44 (at maximum brightness with all signal inputs and USB ports in use)
Viewable image size (width x height) [in mm]	518 x 324	Max. Power consumption in stand-by mode [in watts]	0.5
Ideal and recommended resolution	1920 x 1200	Power consumption with power switch off [in watts]	0
Pixel pitch [in mm]	0.27 x 0.27	Energy efficiency class	D
Pixel density [in ppi]	94	Energy consumption/1000h [in kWh]	14
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	Power supply	AC 100-120 V / 200-240 V, 50/60 Hz
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		DIMENSIONS & WEIGHT	
Signal inputs	D-Sub, DisplayPort (HDCP 1.3), HDMI (HDCP 1.4), DVI-D (HDCP 1.4)	Dimensions (incl. stand) (width x height x depth) [in mm]	531 x 351,4 - 510,1 x 190
USB specification	USB 5Gbps (USB 3)	Weight (incl. stand) [in kg]	5.7
USB upstream ports	1 x type B	Dimensions (without stand) (width x height x depth) [in mm]	531 x 341,9 x 45,5
USB downstream ports	2x type A	Weight (without stand) [in kg]	3.7
Graphic signal	DVI Single Link (TMDS), RGB Analog, DisplayPort, HDMI (RGB, YUV)	Dimension drawing (PDF)	Dimension drawing (PDF)
Sync formats	Separate	Rotatability of the stand [in °]	344
Audio input	3,5 mm stereo jack, DisplayPort, HDMI	Tiltability forwards/backwards [in °]	5 / 35
Audio / headphone output	3.5 mm stereo jack	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.
Warranty type	Swiss Edition Warranty
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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