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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/m<sup>2</sup>, 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

## Technical Data

### GENERAL

|                      |  |
|----------------------|--|
| Item no.             | EV2456-BK<br>EV2456-WT   |
| Case color           | Black<br>White   |
| Areas of application | Office   |
| Product line         | FlexScan   |
| Areas of application | Large and medium-sized companies, Private user & small business, CAD, Finance, Control rooms |
| EAN                  | 4995047049722<br>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]          | 51 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 (100%)   |
| Max. brightness (typical) [in cd/m <sup>2</sup> ]     | 350   |
| Max. dark room contrast (typical)                     | 1000:1  |
| Response time grey-grey alternation (typical) [in ms] | 5   |
| Max. refresh rate [in Hz]                             | 60  |
| 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                      | ✓   |
| Signal range amplifier (HDMI)      | ✓   |
| 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)                                     | <a href="#">Dimension drawing (PDF)</a> |
| Rotatability of the stand                                   | 344                                     |
| Tiltability   | 5 / 35                                  |
| Pivot between portrait / landscape                          | 90° (clockwise and anti-clockwise)      |
| Height adjustment range [in mm]                             | 158.6                                   |
| Hole spacing  | 100 x 100                               |

## CERTIFICATION & STANDARDS

|                      |  |
|----------------------|--|
| <b>Certification</b> | 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 |
|----------------------|--|

## SOFTWARE & ACCESSORIES

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

## WARRANTY

|                          |   |
|--------------------------|---|
| <b>Warranty periode</b>  | 5 years for unit and LCD module up to 30,000 operating hours, whichever comes first.  |
| <b>Included warranty</b> | 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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