EIZO®

FlexScan® **EV2456**

FlexScan® **EV2451**

The energy efficient monitors that are nice to look at and even better to use.

Ultra-Thin Bezels on All Four Sides

The EV2456 and EV2451 feature 1 mm ultra-slim bezels on the sides and top with black borders of 5.2 and 4.3 mm, respectively. Electrostatic switches are placed on the front of the monitor for easy adjustment of monitor settings. Furthermore the bezels are flush with the screen surface, making a completely flat screen perfect for multi-monitor configurations.

■ Bezel Size

EV2456: 6.2 mm
(Bezel 1 mm + 5.2 mm black border)

1 mm
5.2 mm

EV2451: 5.3 mm
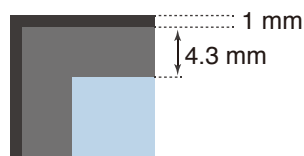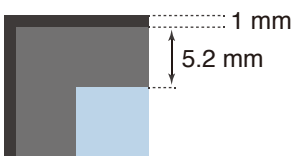(Bezel 1 mm + 4.3 mm black border)

1 mm
4.3 mm

Flicker-Free Viewing

Due to the way brightness is controlled on LED backlights, a small number of people perceive flicker on their screen which causes eye fatigue. The monitors utilize a hybrid solution to regulate brightness and make flicker unperceivable without any drawbacks like compromising color stability – even on low brightness settings.

New Stand Design

The EV2456 and EV2451 come with our latest stand design that features multiple adjustment options. It also saves space on the desk with a more centralized design, and a base 43 mm less in diameter than previous stands.
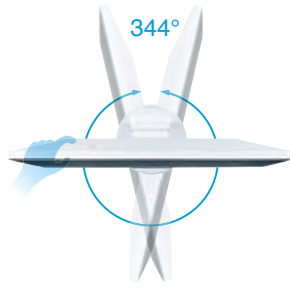
EV2456: 158.6 mm
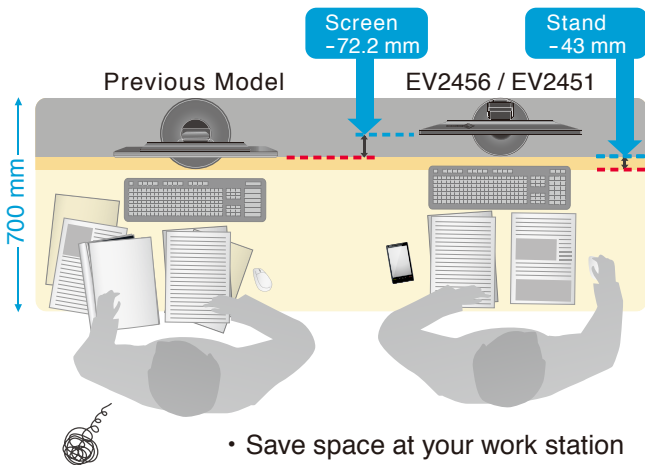EV2451: 172.7 mm
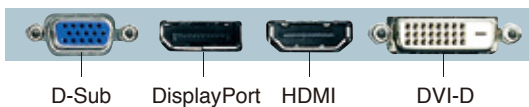
90°   90°

Height Adjustment   Rotation

35°   5°

344°

Tilt   Swivel

Screen −72.2 mm   Stand −43 mm

Previous Model   EV2456 / EV2451

700 mm

• Save space at your work station

Multiple Inputs

D-Sub   DisplayPort   HDMI   DVI-D

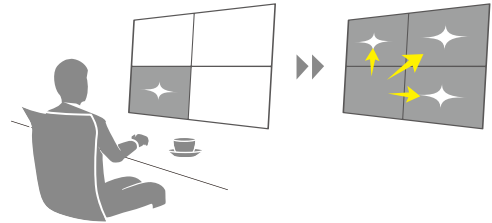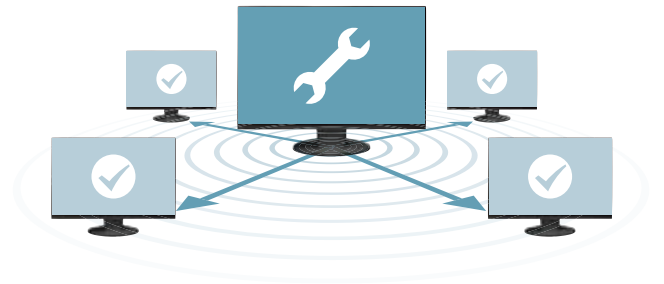## Screen InStyle

EIZO's Screen InStyle is a newly developed software that allows you to easily manage monitor settings such as power, color, brightness and gamma by using your mouse instead of monitor control buttons. But what makes Screen InStyle truly unique is that it allows you to manage multiple connected monitors from the one place – meaning that settings placed on one monitor will automatically be set to all connected monitors.

EIZO Monitor Configuration for Administators

EIZO Monitor Configurator lets system administrators control the settings of all FlexScan EV monitors with a USB connection. The settings of one monitor can be saved as an xml file and applied to other monitors via USB or office network.

Auto Brightness Control

To prevent eye fatigue, a brightness sensor called Auto EcoView detects the changes in the ambient brightness that occurs throughout the day and automatically adjusts the screen to the ideal brightness level.

1% - 100% Brightness Range

In a dimly-lit work environment, a monitor with low brightness settings is more comfortable to use. With its LED backlight, the monitor is adjustable to 1 cd/m² which is less than 1% of the maximum.

White on White

The aesthetically-pleasing design of the monitor extends even to the cables. White cables come bundled with the white cabinet; and black cables with the black cabinet version. Additionally the optional cable cover removes the potential eyesore of tangled cables by holding them neatly behind the stand.

Maximum Energy Savings

These monitors typically consume under 13 watts, earning them the EU Energy Label maximum rating of A++. What's more, both models are certified for visual ergonomics and energy savings.

5-Year Warranty

A manufacturer's 5-year warranty covers all components including the LCD panel to ensure a long service life. This warranty is 2-years or 67% longer than the standard 3-year warranty of most monitor brands for significantly lower running costs.

Zero Bright Pixels

EIZO guarantees this product will be free from bright sub-pixels for six months from purchase date.

SPECIFICATIONS

Model	FlexScan EV2456	FlexScan EV2451
Model Variations	With FlexStand, Without Stand	With FlexStand, Without Stand
Cabinet Color	White, Black	White, Black
Panel Type	IPS	IPS
Backlight	LED	LED
Panel Size	24.1 / 61.1 cm	23.8 / 60.4 cm
Native Resolution	1920 × 1200 (16:10 aspect ratio)	1920 × 1080 (16: 9 aspect ratio)
Viewable Image Size (H × V)	518.4 × 324.0 mm	527.0 × 296.5 mm
Pixel Pitch	0.270 × 0.270 mm	0.275 × 0.275 mm
Display Colors	16.77 million	16.77 million
Viewing Angles (H / V, typical)	178°, 178°	178°, 178°
Brightness (typical)	350 cd/m²	250 cd/m²
Contrast Ratio (typical)	1000:1	1000:1
Response Time (typical)	5 ms (Gray-to-gray)	5 ms (Gray-to-gray)
Video Input Terminals	D-Sub mini 15 pin × 1, DVI-D 24 pin × 1 (with HDCP), HDMI × 1 (with HDCP), DisplayPort × 1 (with HDCP)	D-Sub mini 15 pin × 1, DVI-D 24 pin × 1 (with HDCP), HDMI × 1 (with HDCP), DisplayPort × 1 (with HDCP)
Digital Scanning Frequency (H / V)	DVI: 31 - 76 kHz, 59 - 61 Hz DisplayPort: 31 - 76 kHz, 59 - 61 Hz HDMI: 15 - 76 kHz, 49 - 51 Hz / 59 - 61 Hz	DVI: 31 - 68 kHz, 59 - 61 Hz DisplayPort: 31 - 68 kHz, 59 - 61 Hz HDMI: 15 - 68 kHz, 49 - 51 Hz / 59 - 61 Hz
Analog Scanning Frequency (H / V)	31 - 81 kHz, 55 - 76 Hz	31 - 81 kHz, 55 - 76 Hz
Sync Formats	Separate	Separate
USB Function	1 port for monitor control 2-port USB hub	1 port for monitor control 2-port USB hub
USB Standard	USB 3.0	USB 3.0
Speakers	1.0 W + 1.0 W	1.0 W + 1.0 W
Audio Input Terminals	3.5 mm stereo jack	3.5 mm stereo jack
Audio Output Terminals	3.5 mm headphone jack	3.5 mm headphone jack
Sound Adjustment	Volume, Source (DisplayPort, HDMI)	Volume, Source (DisplayPort, HDMI)
Power Requirements	AC 100 - 240 V, 50 / 60 Hz	AC 100 - 240 V, 50 / 60 Hz
Maximum Power Consumption	44 W	42 W
Typical Power Consumption	11 W	13 W
Power Save Mode	0.5 W or less	0.5 W or less
Power Management	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM)	Power Save (VESA DPM, DisplayPort Rev. 1.1a, and DVI DMPM)
Preset Modes	Color mode (Paper, Movie, sRGB, User1, User2, DICOM)	Color mode (Paper, Movie, sRGB, User1, User2, DICOM)
Auto EcoView	Yes	Yes
OSD Languages	English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish	English, French, German, Italian, Japanese, Simplified and Traditional Chinese, Spanish, Swedish
Dimensions (Landscape, W × H × D)	531 × 351.4 - 510.1 × 190 mm	537.7 × 322.7 - 495.4 × 190 mm
Dimensions (Without Stand, W × H × D)	531 × 341.9 × 45.5 mm	537.7 × 313.1 × 45.5 mm
Net Weight	5.7 kg / 12.6 lbs	5.5 kg / 12.1 lbs
Net Weight (Without Stand)	3.7 kg / 8.2 lbs	3.5 kg / 7.7 lbs
Height Adjustment Range	158.6 mm	172.7 mm
Tilt	35° Up, 5° Down	35° Up, 5° Down
Swivel	344°	344°
Pivot	90° (both clockwise and counter clockwise)	90° (both clockwise and counter clockwise)
Hole Spacing (VESA Standard)	100 × 100 mm	100 × 100 mm
Certifications & Standards (Please contact EIZO for the latest information.)	TCO Certified Displays 8, EPEAT 2018 (US), TUV/Ergonomics, TUV/GS, RCM, CE,CB, cTUVus, FCC-B, CAN ICES-3 (B), TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, China RoHS, CCC, EAC	TCO Certified Displays 8, EPEAT 2018 (US), TUV/Ergonomics, TUV/GS, RCM, CE, CB, cTUVus, FCC-B, CAN ICES-3 (B), TUV/S, VCCI-B, EPA Energy Star, RoHS, WEEE, China RoHS, CCC, EAC
Supplied Accessories (May vary by country. Please contact EIZO for details.)	AC power cord, signal cable (DisplayPort - DisplayPort), USB cable, cable cover, CD-ROM (PDF user's manual), setup guide	AC power cord, signal cable (DisplayPort - DisplayPort), USB cable, cable cover, CD-ROM (PDF user's manual), setup guide
Warranty	Five Years (Zero bright sub-pixels for six months from date of purchase.)	Five Years (Zero bright sub-pixels for six months from date of purchase.)

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