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The FDF2382WT-A offers the highest picture quality in 16:9 format on a diagonal of 23". The impressive viewing angle of the IPS LCD module is particularly striking. The undistorted viewing from all angles is optimal for the widescreen format and touch operation, as all controls and information are equally visible. The FDF2382WT-A recognises up to 10 simultaneous touches and allows smooth and accurate stylus input. It ignores incorrect input, for example, from the palm of the hand.

- ✓ 23" touch monitor with 16:9 format and Full HD resolution
- ✓ Multi-touch operation (for example, zooming, scrolling, rotating, shifting)
- ✓ Smooth and accurate pen input with palm recognition
- ✓ Brightness 260 cd/m², contrast 1000:1
- ✓ IPS LCD module with wide viewing angles
- ✓ Flicker-free image reproduction
- ✓ DisplayPort, HDMI and D-Sub input for digital and analogue connection

Image quality

Precise, high-contrast, bright and crisp screen

Maximum image quality thanks to the IPS, Touch PCAP panel

The monitor is capable of all three key elements of excellent image quality: excellent resolution of 1920 x 1080 (Full HD) pixels, maximum contrast of 1000:1, and stable brightness of up to 260 cd/m². That means you will experience razor-sharp text contours, brilliant graphics, and clear images. Thanks to the high-quality IPS, Touch PCAP panels with LED backlight, contrasts and colours remain stable from every viewing angle.

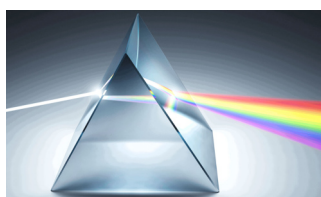


Precise color control

An image can only be perfect if the colors are, too. This is why EIZO monitors have a 10-bit look-up table at a minimum, which allows the color information to be assigned much more precisely than with conventional 8-bit LUTs. The finest color gradations ensure that gradients are always perfectly displayed, while also offering customised adjustment options. For example, you can adjust the white balance from 4000 K to 10000 K in 500-K intervals.



Look-Up-Table with 10 and more bit



Look-Up-Table with 8 bit

FOR THE SAKE OF THE EYES

Flicker free

The monitor is flicker-free at every brightness setting. This is great for users, as their eyes will not tire as quickly, allowing them to work in front of the screen for longer periods of time without fatigue.

Overdrive to quickly change images

The overdrive function accelerates the switching time so that gray-grey changes take place in just 11 ms on average. You can watch movies and fast image changes without annoying afterglow. When scrolling and positioning windows or images, the display is legible in fractions of a second – faster than it can be perceived. Power consumption and energy efficiency are always in view.

Touch functionality

Operation with finger or touch-pen

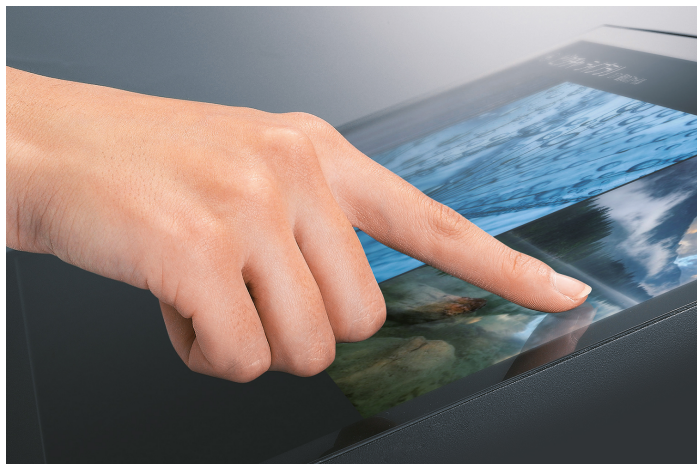
Fine, precise stylus input

The FDF2382WT-A contains reliable capacitive touch technology (PCAP) that detects movements with very high precision. Hence you can easily capture even small writing and character input via the screen.



Frameless touchscreen

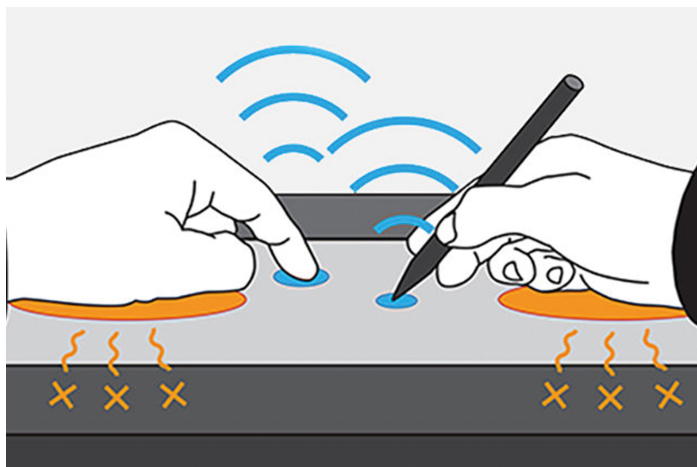
The display extends right up to the bezels – this means that the entire touch surface can be used without disruptions right up to the edges, which is particularly convenient for swiping and scrolling motions.



Multi-touch screen with robust surface

The monitor can detect up to ten simultaneous touches, which means that multiple individuals can operate the monitor at the same time. Furthermore, the touchscreen is equipped with hand ball recognition. While writing, users can place their hands or arms on the monitor without accidentally triggering an input.

With a hardness of 5H, the glass surface is insensitive to scratches and guarantees to recognize up to 50 million touches.



Touch detection and sensitivity

The monitor is equipped with technology that calibrates the touch sensitivity to minimise incorrect touch response due to environmental factors and electromagnetic noise. This ensures that the screen maintains accurate touch interaction during use.

Users can easily turn touch detection on or off by pushing the button conveniently located on the monitor's outer rim. A button is located on two sides of the monitor for easy access.



Touch operation without additional drivers

The multitouch interface is supported by standard Windows 11, 10 and 8.1 drivers. You can operate the touch panel without additional drivers by simply connecting the USB cable.

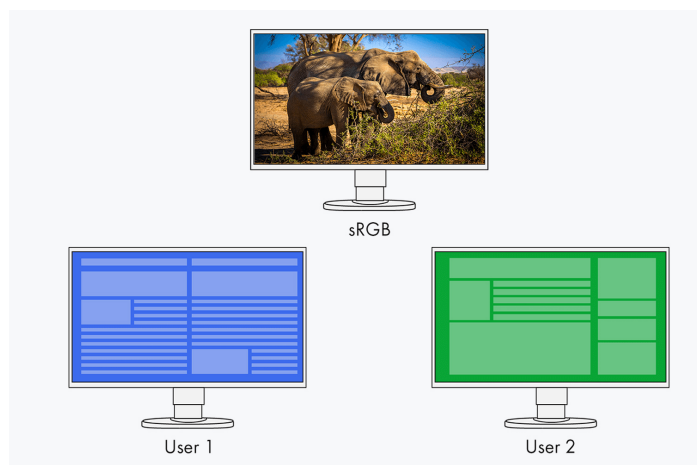
In addition to Windows standard touch drivers, a dedicated touch driver is also available to support touch interaction sounds and mouse emulation.

Easy to use

Features for greater comfort

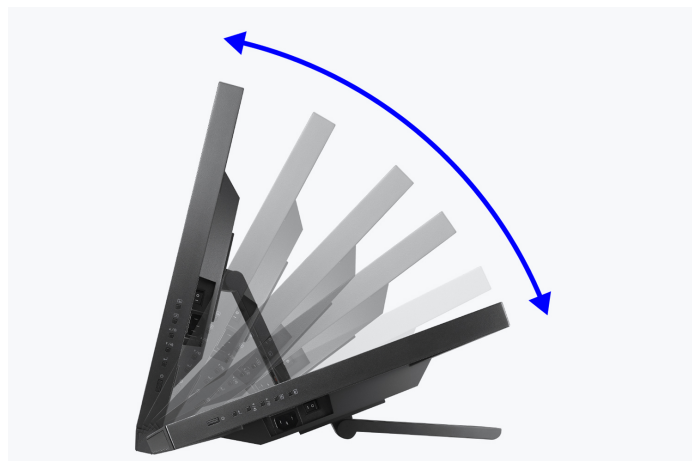
Preset color modes: optimized display at the touch of a button

Preset color modes optimize the viewing of images, texts or videos. Because it makes a difference whether you are watching a video, looking at a picture, surfing the net or writing texts. At the touch of a button, you can set the respective preset for brightness, gamma correction and color temperature.



Reclining stand

The equipped stand provides flexible positioning to allow the monitor to rest on your desk like a laptop and recline back to your desired angle. This makes it easy to place the monitor in the ideal position for comfortable use in any environment.



Tilt by moving the base: 15° - 70°

Variety of ports

Best connectivity

One monitor, many ports

It couldn't be easier: Most end devices, such as PC, laptop, mouse, keyboard or headphones, can be connected directly to the monitor, thanks to its wide range of signal interfaces and ports. This makes your daily work easier and ensures a tidy desk.



Durability **And reliability**

Three-year warranty

EIZO grants a three-year warranty. This is possible thanks to the highly developed production process based on a simple principle of success: sophisticated and innovative technology, made from high-end materials.



24/7 use

The FDF2382WT-A is built for 24-hour use and is characterised by maximum reliability.



Sustainability **Environmentally and socially** **conscious production**

Save energy effortlessly

Energy efficiency is an important aspect in the development of EIZO monitors. The monitors are equipped with features and functions to reduce power consumption to a minimum.

Zero-watt consumption thanks to the power switch

The monitors have an integrated mechanical power switch, which is extremely practical and energy-saving: If you switch off the monitor using the power switch, the device will stop consuming any power at all. Moreover, it consumes a maximum of 0.5 watt in standby mode.



Sustainable and durable

The FDF2382WT-A is designed to have a long service life and normally outlasts the warranty period by some distance. Replacement parts are available many years after production has ceased. The entire lifecycle takes into account the impact on the environment as the longevity of the product and the fact it can be repaired saves resources and protects the environment. When designing the FDF2382WT-A, we took a minimalistic approach to our resources by using high-quality components and materials, as well as a careful production process.

Socially responsible production

The FDF2382WT-A is produced in a socially responsible way. It is free of child labour and forced labour. Suppliers along the supply chain have been carefully selected and they have also committed themselves to produce in a socially responsible way. This applies in particular to conflict minerals. We present a detailed report about our social responsibility annually and voluntarily.

Environmentally conscious production

Each FDF2382WT-A is manufactured in our own factory, which implements an environmental and energy management system in accordance with ISO 14001 und ISO 50001. This includes measures to reduce waste, wastewater and emissions, resource and energy consumption, as well as to encourage environmentally conscious behavior among employees. We publicly report on these measures on an annual basis.



Technical Data

GENERAL	
Item no.	FDF2382WT-A
Case color	Black
Areas of application	Video surveillance, Industry
Product line	DuraVision
Areas of application	Touch and video monitors, Automation, Video surveillance, Large and medium-sized companies, Private user & small business, Control rooms
EAN	4995047063216
SCREEN	
Screen size [in inches]	23
Screen size [in cm]	58
Format	16:9
Viewable image size (width x height) [in mm]	509,2 x 286,4
Ideal and recommended resolution	1920 x 1080 (Full HD)
Pixel pitch [in mm]	0,265 x 0,265
Supported resolutions	1920 x 1080 (Full HD), 1680 x 1050, 1280 x 1024, 1024 x 768, 800 x 600, 720 x 400, 640 x 480
Panel technology	IPS, Touch PCAP
Max. viewing angle horizontal [in °]	178
Max. viewing angle vertical [in °]	178
Number of colors or greyscale	16.7 million colors (D-Sub, 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/m²]	260
Max. dark room contrast (typical)	1000:1
Response time grey-grey alternation (typical) [in ms]	11
Max. refresh rate [in Hz]	60
Backlight	LED
CONNECTIONS	
Touch port	USB
Signal inputs	DisplayPort (HDCP 1.3), HDMI (HDCP 1.4), D-Sub
USB specification	USB 5Gbps (USB 3)
USB upstream ports	1 x type B
USB downstream ports	2x type A
Graphic signal	RGB Analog, DisplayPort, HDMI (RGB, YUV)
Control port	USB-Protocol
Sync formats	Separate
Audio input	3.5 mm stereo jack, DisplayPort, HDMI
FEATURES & OPERATION	
Preset color/greyscale modes	2x manual memory locations, sRGB
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, Touch function On/Off, OSD language, Signal input, Volume, Key lock
Integrated power unit	✓
Touchscreen	✓
Touch panel type	Projected capacitive (PCAP)
Touch compatible OS	Windows 8.1 (64-bit/32-bit), Windows 11, Windows 10
Touch points	10
ELECTRICAL DATA	
Frequency	D-Sub: 31-81 kHz/55-76 Hz; Display Port: 31-68 kHz/59-61 Hz; HDMI: 31-68 kHz/59-61 Hz
Power consumption (typical) [in watts]	12
Maximum Power Consumption [in watts]	47 (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	E
Energy consumption/1000h [in kWh]	17
Power supply	AC 100-240V, 50/60Hz
DIMENSIONS & WEIGHT	
Dimensions (incl. stand) (width x height x depth) [in mm]	556,7 x 144,9-353,9 x 216,3-401,3
Weight (incl. stand) [in kg]	6.6
Dimensions (without stand) (width x height x depth) [in mm]	556,7 x 339,2 x 54
Weight (without stand) [in kg]	6
Dimension drawing (PDF)	Dimension drawing (PDF)
Tiltability forwards/backwards [in °]	15 / 70
Hole spacing	100 x 100
CERTIFICATION & STANDARDS	
Operating temperature	5 - 35 °C / 20 - 80 % (R.H., non condensing)
Certification	CE, UKCA, CB, RCM, cTÜVus, FCC-B, CAN ICES-3 (B), TÜV/S, PSE, VCCI-B, RoHS, WEEE, China RoHS, CCC



DuraVision FDF2382WT-A

SOFTWARE & ACCESSORIES

Other box contents	Signal cable HDMI - HDMI, USB cable (Type A - Type B), Signal cable DisplayPort - DisplayPort, Power cord, Quick guide
Accessories	PM200-K (DisplayPort cable to transfer digital video and audio signals), CP200 (USB-C to DisplayPort cable), PP100-K (DisplayPort cable), TP5 (Touch panel pointers)

WARRANTY

Warranty periode	3 years
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