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High picture quality and durability are the strengths of the DuraVision FDF2182WT. Its VA LCD technology offers wide viewing angles. This benefits both readability and operation. The flexible stand can be tilted continuously between 15° and 70° and remains stable - even when touched a little more firmly. The screen features projective capacitive (PCAP) touch technology, which is more durable and reliable than other touch technologies. The monitor recognises up to 10 simultaneous touches, making it easy to operate a wide range of applications. The fully flat design allows for free touch operation with no limit on the edges of the screen, making scrolling and swiping a breeze. The DuraVision FDF2182WT is designed and manufactured for 24-hour use, backed by a 3-year manufacturer's warranty. The surface is made of reinforced glass that is resistant to scratching up to a hardness of 7H.

- ✓ 21.5" touch monitor with 16:9 format and Full HD resolution
- ✓ Multi-touch operation (e.g. zoom, scroll, rotate, shift)
- ✓ Smooth and accurate pen input with palm recognition
- ✓ Brightness 230 cd/sqm, contrast 5000:1
- ✓ VA LCD module with wide viewing angles
- ✓ Flicker-free image reproduction
- ✓ DisplayPort, HDMI and D-Sub input for digital and analogue connection

Touch functionality

Operation with finger or touch-pen

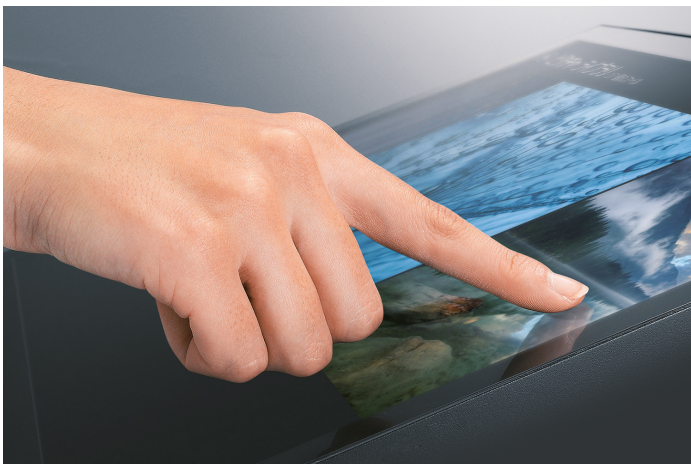
Fine, precise stylus input

The FDF2182WT 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.

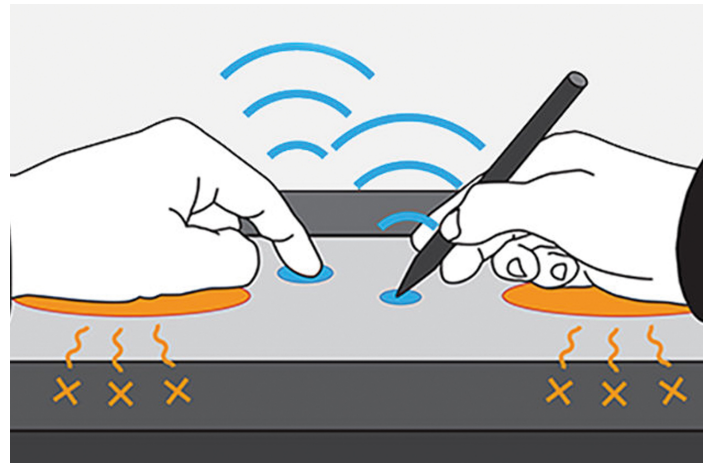


Multi-touch screen with robust surface

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 7H, 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.

Image quality

Precise, high-contrast, bright and crisp screen

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.

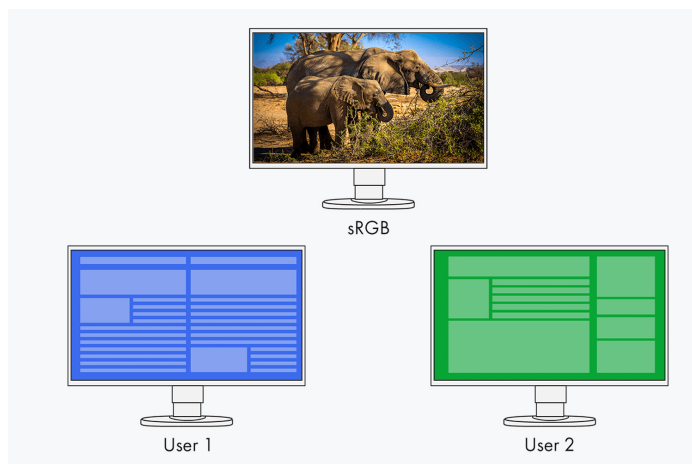
Easy to use

Features for greater comfort

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

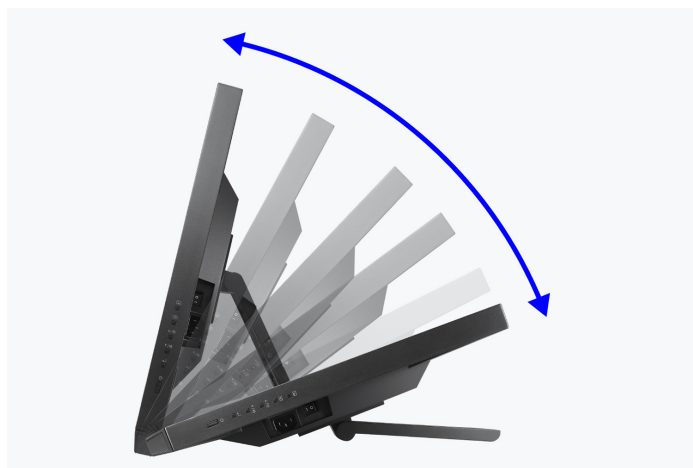
Preset color modes optimize the viewing of images, texts or videos. Because it makes a difference whether you are watching a video, looking at a picture, surfing the net or writing texts. At the touch of a button, you can set

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 ba-

sed on a simple principle of success: sophisticated and innovative technology, made from high-end materials.



24/7 use

The FDF2182WT 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 1.2 watt in standby mode.



Sustainable and durable

The FDF2182WT 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 FDF2182WT, 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 FDF2182WT 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 FDF2182WT 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.	FDF2182WT
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

SCREEN

Screen size [in inches]	21,5
Screen size [in cm]	54,7
Format	16:9
Viewable image size (width x height) [in mm]	476,6 x 268,1
Ideal and recommended resolution	1920 x 1080 (Full HD)
Pixel pitch [in mm]	0,248 x 0,248
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	VA, 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]	230
Max. dark room contrast (typical)	5000:1
Response time grey-grey alternation (typical) [in ms]	25
Max. refresh rate [in Hz]	60
Backlight	LED

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
Integrated power unit	✓
Touchscreen	✓
Touch panel type	Projected capacitive (PCAP)
Touch compatible OS	Windows 8.1 (64-bit/32-bit), Windows 10
Touch points	10

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

ELECTRICAL DATA

Frequency	DisplayPort: 31-68 kHz/59-61 Hz, HDMI: 31-68 kHz/49-51 Hz, 59-61 Hz, D-Sub: 31-81 kHz/55-76 Hz
Power consumption (typical) [in watts]	10
Maximum Power Consumption [in watts]	42 (at maximum brightness with all signal inputs and USB ports in use)
Max. Power consumption in stand-by mode [in watts]	1.2
Power consumption with power switch off [in watts]	0
Energy efficiency class	E
Energy consumption/1000h [in kWh]	15
Power supply	AC 100-240V, 50/60Hz

DIMENSIONS & WEIGHT

Dimensions (incl. stand) (width x height x depth) [in mm]	533,2 x 193,3-340,8 x 214,8-401,5
Weight (incl. stand) [in kg]	5.6
Dimensions (without stand) (width x height x depth) [in mm]	533,2 x 325,7 x 54
Weight (without stand) [in kg]	5.1
Dimension drawing (PDF)	Dimension drawing (PDF)
Tiltability forwards/backwards [in °]	15 / 70
Hole spacing	100 x 100

CERTIFICATION & STANDARDS

Operating temperature	5 - 40 °C / 20 - 90 % (R.H., non condensing)
Certification	CE, CB, RCM, cTUVus, FCC-B, CAN ICES-3 (B), TÜV/S, VCCI-B, RoHS, WEEE, China RoHS, CCC, EAC

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)



DuraVision **FDF2182WT**

WARRANTY

Warranty periode	3 years
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