FDF2182WT

Your advantages

High picture quality and durability are the strengths of the Dura-Vision 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 re-mains 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 Dura-Vision 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

Features

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.
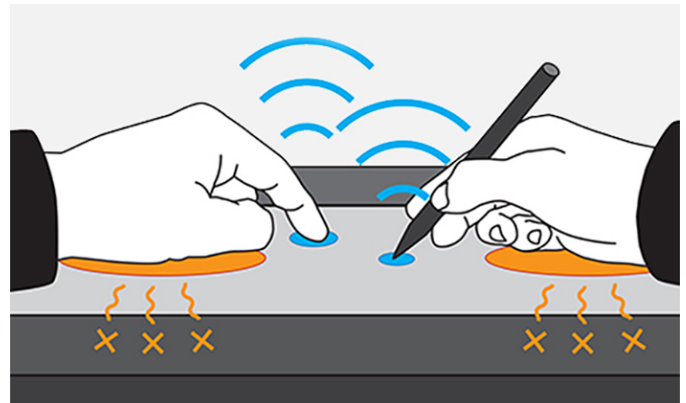

Frameless touchscreen

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 LCD 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 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.
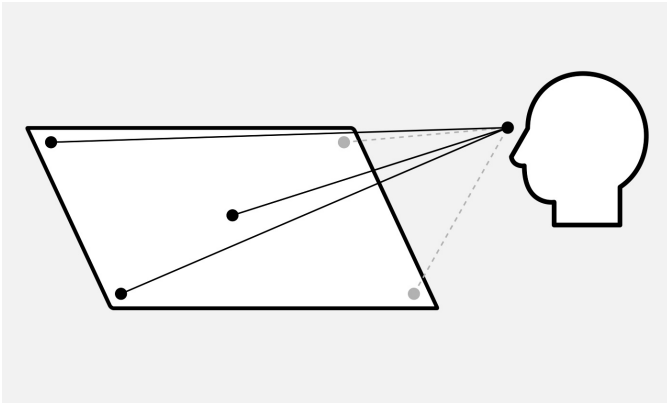
Flicker free: for the sake of the eyes

The monitor is flicker-free at every brightness setting. The benefit: Your eyes do not get tired as quickly. You can work on the screen for an extended period.
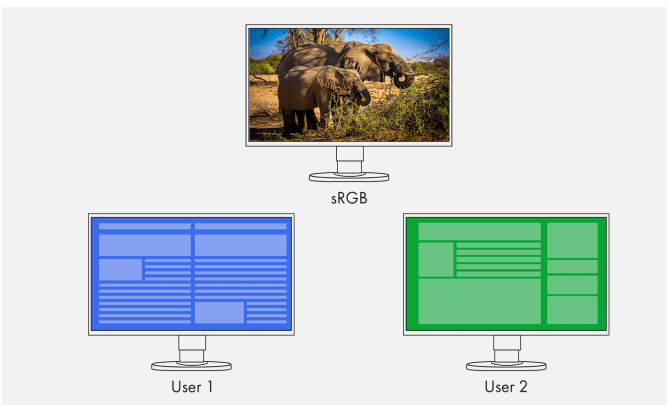
Features

High contrast and colour accuracy from all angles of view

The VA panel with wide viewing angle ensures that the contrast hardly falls when viewing the screen from any angle and there are only minimal differences in colour. This means that exact colour rendering and clear images can be achieved even in the corners of the screen.

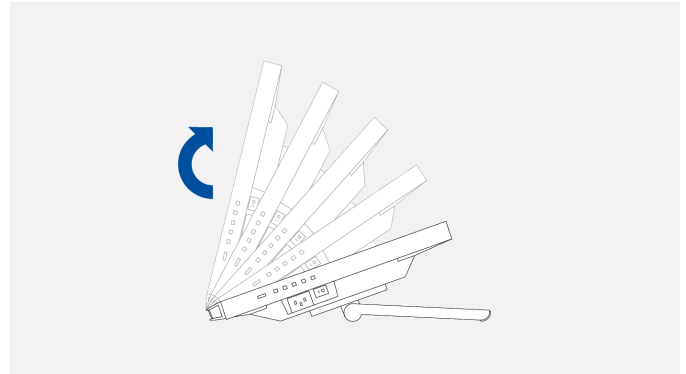Tilt by moving the base: 15° - 70°

Preset colour modes: optimised display at the press of a button

Preset colour modes make it easier for you to work and view images, texts and videos. This is because when choosing colour settings, it makes a difference whether you are looking at a film, editing an image, surfing the Internet or writing texts. You can configure the respective default settings for brightness, gamma correction and colour temperature at the press of a button.

One monitor, many ports

It doesn't get easier than this: You can connect most of your devices, such as PC, laptop or cameras directly to the monitor because the monitor has a number of different ports. That makes your daily work easier.

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.
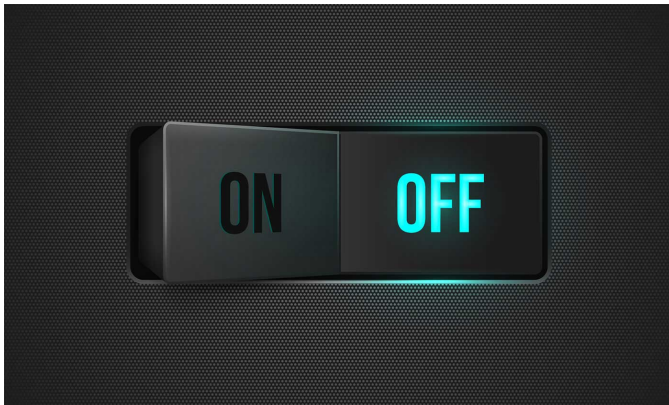
24/7 use guaranteed

The monitor is built for 24-hour use and is impressively reliable. That is why EIZO gives a 3 years warranty.

Features

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.

Environmentally and socially conscious production

With the FDF2182WT, EIZO demonstrates that image and product quality go hand in hand with responsible planning, materials sourcing and production. This value allows you to safely invest in a modern and reliable solution.

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.

Read more about our corporate social responsibility

Environmentally and climate friendly

Each FDF2182WT is manufactured in our own factory, which implements an environmental management system in accordance with ISO 14001. This includes measures to reduce waste, wastewater and emissions, resource and energy consumption, as well as to encourage environmentally conscious behaviour among employees. We publicly report on these measures on an annual basis as a main component of our CSR report.

Sustainable and durable

The FDF2182WT is designed for a long service life that takes into account the entire lifecycle and impact on the environment - usually well above the warranty period. Spare parts are available up to seven years after the end of production. The monitor's long service life and the ability to repair it save resources and the climate. When designing the FDF2182WT we paid attention to reducing resource consumption by using high-quality components and materials and being meticulous in production.

Specification

General

Item no.	FDF2182WT
Case color	Black
Areas of application	Industry, Office, Video surveillance systems
Product line	DuraVision

Display

Screen size [in inches]	21.5
Screen size [in cm]	54.7
Format	16:9
Viewable image size (width x height)	476.6 x 268.1
Ideal and recommended resolution	1920 x 1080 (Full HD)
Pixel pitch [mm]	0.248 x 0.248
Resolution supported	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
Max. viewing angle horizontal	178 °
Max. viewing angle vertical	178 °
Number of colours or greyscale	16.7 million colours (display port, 8 Bit), 16.7 million colours (HDMI, 8 Bit), 16.7 million colours (D-Sub, 8 Bit)
Colour palette/look-up table	1.06 billion colour tones / 10 Bit
Max. colour space (typical)	sRGB
Max. brightness (typical) [in cd/m²]	230
Max. dark room contrast (typical)	5000:1
Typical response time [grey/grey alternation]	25 ms
Max. refresh rate [in hertz]	60
Backlight	LED

Features & control

Preset colour/greyscale modes	sRGB, 2x free modes for user selection
HDCP Decoder	✔
Input signal identification	✔
Built-in speakers	✔
OSD language	de, en, fr, es, it, se, ja, zh
Adjustment options	Brightness, Contrast, Gamma, All EcoView functions, Colour saturation, Colour temperature, Colour tone, Signal input, Overdrive, Resolution, Audio source, Smoothing, OSD language, Interpolation, Volume, Touch function On/Off, Colour Mode
Integrated power unit	✔
Touchscreen	✔
Touch panel type	Projected capacitive (PCAP)
Touch compatible OS	Windows 10, Windows 8.1 (64-bit/32-bit)
Touch points	10

Ports

Touch port	USB
Signal inputs	DisplayPort, HDMI, D-sub
USB specification	USB 3.1 Gen 1
USB upstream ports	1 x type B
USB downstream ports	2 x type A
Video signal	DisplayPort, HDMI (HDCP 1.4), RGB Analog
Control port	USB-Protocol
Sync formats	Separate
Audio input	3.5 mm stereo jack

Certification & standards

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

Electric 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 watt]	10
Maximum Power Consumption [in watt]	42
Power Save Mode [in watt]	1.2
Power consumption off [in watt]	0
Energieeffizienzklasse	E
Energy consumption/1000h [in kWh]	15
Power supply	AC 100-240V, 50/60Hz

Dimensions & weights

Dimensions [mm]	533,2 x 193,3-340,8 x 214,8-401,5
Weight [in kilograms]	5.6
Dimensions without stand [mm]	533,2 x 325,7 x 54
Weight without stand [in kilograms]	5.1
Housing dimension details	Dimension drawing (PDF)
Incline forward/backward	15 ° / 70 °
Hole spacing	VESA standard 100 x 100 mm

Software & accessories

Additional supply	Power cord, Signal cable DisplayPort - DisplayPort, Signal cable HDMI - HDMI, USB/signal cable (USB-A - USB-B), Quick guide, EIZO LCD Utility Disk (incl. PDF manual), Cover, Cleaning cloth
Accessories	EIZO ScreenCleaner (for the best possible clean without scratching the monitor), TP5 (Touch panel pointers), PM200-K (DisplayPort cable to transfer digital video and audio signals.), PP100-K (Short DisplayPort connection cable, 100 cm), CP200-BK (USB-C to DisplayPort cable, 200 cm)

Warranty

Warranty and service	3 years