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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

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	178
Max. viewing angle vertical	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/m ²]	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	D-Sub, DisplayPort (HDCP 1.3), HDMI (HDCP 1.4)
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, CP200, PP100-K, TP5

WARRANTY

Warranty periode	3 years
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