

SIMATIC IFP 1500 V2 ext. hygienic, IP69, stainless steel, 15" multi-touch display (16:9) with 1920x1080 pixel resolution, built-in unit for 24 V DC, display port interface, can be placed up to 100 m away HDBaseT, USB on the rear side, blue FDA compliant gasket, increased impact protection with splinter protection display front according to directives EN 1672-2, FDA 21 CFR 177.2006 neutral design



General information	
Product type designation	IFP1500 V2 ext. hyg.
Short designation	Flat Panel 15" multi-touch ext. hygienic
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	15.6 in; 15"
Screen diagonal [cm]	40 cm
Display width	344.2 mm
Display height	193.5 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	178° x 178°
Resolution (pixels)	
• Image resolution	1 920 x 1 080
• Pixel size, horizontal	0.17925 mm
• Pixel size, vertical	0.17925 mm
General features	
• Brightness/contrast	400 cd/m ² / 700:1
• non-reflective and tempered mineral glass screen	No; reinforced pane with shatter protection film
• Detachable from computer unit	100 m; HDBaseT protocol
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %
Control elements	
Control elements	multi-touch screen
Input device	
• Integrated mouse cursor control	Yes; Also externally via USB
Touch operation	
• Design as touch screen	Yes; Projective-capacitive
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes; If supported by operating system
Installation type/mounting	
Design	Built-in unit
Front mounting	Yes
VESA mounting	Yes; VESA 100 x 100 integrated
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
Built-in unit	Yes; Portrait mode possible
maximum permitted forward tilt angle from vertical	35°

maximum permitted backward tilt angle from vertical	35°
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V; PELV / SELV floating
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption (rated value)	1 A
Current consumption, max.	1.3 A
Starting current inrush I _t	0.5 A ² ·s
Power loss	
Power loss, typ.	24 W
Power loss, max.	30 W
Interfaces	
Number of USB interfaces	2; USB 2.0 type A
USB on the rear	Yes; 2x onboard
Connection for keyboard/mouse	USB
Video interfaces	
• DisplayPort	Yes; Display port V1.2
Touch interfaces	
• USB	Yes; (device)
Degree and class of protection	
IP (at the front)	IP66K, IP69
IP (rear)	IP20
NEMA (front)	
• Enclosure Type 4x at the front	Yes
• Enclosure Type 12 at the front	Yes
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	No; in preparation
CCC	No; in preparation
EMC	CE, EN 55011, EN 61000-6-4, EN 61000-6-2
Use in hazardous areas	
• ATEX Zone 2	Yes
• ATEX Zone 22	Yes
• IECEx Zone 2	Yes
• IECEx Zone 22	Yes
• cULus Class I Zone 2, Division 2	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	50 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	2 000 m
Relative humidity	
• Operation, max.	90 %; no condensation
Vibrations	
• Vibration load in operation	10 m/s ²
• Vibration load during transport/storage	10 m/s ²
Shock testing	
• Shock load during operation	150 m/s ²
• shock acceleration during storage/transport	250 m/s ²
Mechanics/material	
Enclosure material (front)	

<ul style="list-style-type: none"> • Plastic • Stainless steel 	Yes; shatter protection film
Enclosure material (rear)	Yes
Enclosure material (rear)	stainless steel, aluminum
Dimensions	
Width of the housing front	411.8 mm
Height of housing front	272.2 mm
Mounting cutout, width	382 mm; Tolerance: +1 mm
Mounting cutout, height	241 mm; Tolerance: +1 mm
Overall depth	67.7 mm
Weights	
Weight (without packaging)	4.7 kg
Classifications	

	Version	Classification
eClass	14	19-20-02-01
eClass	12	19-20-02-01
eClass	9.1	19-20-02-01
eClass	9	19-20-02-01
eClass	8	19-20-02-01
eClass	7.1	19-20-02-01
eClass	6	19-20-02-01
ETIM	10	EC004862
ETIM	9	EC001428
ETIM	8	EC001428
ETIM	7	EC001428

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)



[Miscellaneous](#)

[KC](#)



EMV **For use in hazardous locations**

[KC](#)



[CCC-Ex](#)



For use in hazardous locations **other** **Food, Pharmaceutical, Medical**



[Miscellaneous](#)

[Special Test Certificate](#)

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