

SIMATIC IFP1500 V2 PRO, 15 multi-touch display (16:9) with 1920x1080 pixel resolution, PRO variant support arm, for 24 V DC, DisplayPort, can be placed up to 100 m away HDBaseT, USB on the rear side, standard design



General information	
Product type designation	IFP1500 V2 PRO
Short designation	Flat Panel 15" multi-touch ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	15.6 in; 15"
Screen diagonal [cm]	39 mm
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)	
<ul style="list-style-type: none"> Image resolution Horizontal image resolution Vertical image resolution Pixel size, horizontal Pixel size, vertical 	1 920 x 1 080 1 920 pixel 1 080 pixel 0.17925 mm 0.17925 mm
General features	
<ul style="list-style-type: none"> Brightness/contrast non-reflective and tempered mineral glass screen Detachable from computer unit Luminance 	400 cd/m ² / 1 000:1 Yes 100 m; HDBaseT protocol 400 cd/m ²
Backlighting	
<ul style="list-style-type: none"> Type of backlighting MTBF backlighting (at 25 °C) Backlight dimmable 	LED 50 000 h; At 25°C Yes; 0-100 %
Control elements	
Control elements	multi-touch screen
Input device	
<ul style="list-style-type: none"> Integrated mouse cursor control 	Yes
Touch operation	
<ul style="list-style-type: none"> Design as touch screen Design as multi-touch screen Monitor keyboard 	Yes; Projective-capacitive Yes; Projective-capacitive Yes
Installation type/mounting	
Design	Support arm mounting
Front mounting	No
Support arm mounting	Yes; Suitable for support arm without extension components

Stand mounting	No
VESA mounting	Yes; With VESA adapter set
Mounting in portrait format possible	No
maximum permitted forward tilt angle from vertical	45°
maximum permitted backward tilt angle from vertical	45°
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 st	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
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front)	
• Enclosure Type 4 at the front	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes; Corresponds to UL 508
FM approval	Yes; Class I Div. 2
RCM (formerly C-TICK)	Yes
EAC (formerly Gost-R)	Yes
EMC	CE, EN 55011, EN 61000-6-4, EN 61000-6-2
Use in hazardous areas	
• ATEX Zone 2	Available soon
• ATEX Zone 22	Available soon
• IECEx Zone 2	Available soon
• IECEx Zone 22	Available soon
• FM Class I Division 2	Available soon
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	45 °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.	3 500 m
Relative humidity	
• Operation, max.	95 %; no condensation
Vibrations	
• Vibration load in operation	1 gn
• Vibration load during transport/storage	1 gn
Shock testing	
• Shock load during operation	15 gn

- shock acceleration during storage/transport 15 gn

Mechanics/material

Enclosure material (front)	In standard design
<ul style="list-style-type: none"> • Aluminum 	Yes
<ul style="list-style-type: none"> • Aluminum casting 	Yes
<ul style="list-style-type: none"> • Glass 	Yes; at front
Enclosure material (rear)	aluminum

Dimensions

Width	396 mm
Height	255 mm
Depth	93.7 mm
Width of the housing front	396 mm
Height of housing front	255 mm; Without basic adapter

Weights

Weight (without packaging)	5.3 kg
Weight (with packaging)	6 kg

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