

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



Figure similar

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 	1 920 x 1 080
<ul style="list-style-type: none"> Horizontal image resolution 	1 920 pixel
<ul style="list-style-type: none"> Vertical image resolution 	1 080 pixel
<ul style="list-style-type: none"> Pixel size, horizontal 	0.17925 mm
<ul style="list-style-type: none"> Pixel size, vertical 	0.17925 mm
General features	
<ul style="list-style-type: none"> Brightness/contrast 	400 cd/m ² / 1 000:1
<ul style="list-style-type: none"> non-reflective and tempered mineral glass screen 	Yes
<ul style="list-style-type: none"> Detachable from computer unit 	100 m; HDBaseT protocol
<ul style="list-style-type: none"> Luminance 	400 cd/m ²
Backlighting	
<ul style="list-style-type: none"> Type of backlighting 	LED
<ul style="list-style-type: none"> MTBF backlighting (at 25 °C) 	50 000 h; At 25°C
<ul style="list-style-type: none"> Backlight dimmable 	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 	Yes; Projective-capacitive
<ul style="list-style-type: none"> Design as multi-touch screen 	Yes; Projective-capacitive
<ul style="list-style-type: none"> Monitor keyboard 	Yes
Installation type/mounting	
Design	Pedestal mounting
Front mounting	No

Support arm mounting	No
Stand mounting	Yes
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 ² 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	
<ul style="list-style-type: none"> • DVI-D • DisplayPort 	Yes Yes; Display port V1.2
Touch interfaces	
<ul style="list-style-type: none"> • USB 	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
NEMA (front) <ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 22 • FM Class I Division 2 	Available soon Available soon Available soon Available soon Available soon
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. 	0 °C 45 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> • min. • max. 	-20 °C 60 °C
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> • Installation altitude above sea level, max. 	3 500 m
Relative humidity	
<ul style="list-style-type: none"> • Operation, max. 	95 %; no condensation
Vibrations	
<ul style="list-style-type: none"> • Vibration load in operation • Vibration load during transport/storage 	1 gn 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
• Aluminum	Yes
• Aluminum casting	Yes
• 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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