

SIMATIC IFP1500 PRO HD Flat Panel 15" display (16:9), Multitouch, Full HD resolution, suitable for support arm and extension components, 1920 x 1080 pixels, for 24V DC, DisplayPort / DVI interface IP65 fully enclosed, ethernet monitor



General information	
Short designation	Flat Panel 15" PRO Full HD multi-touch Ethernet monitor
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	15.6 in
Screen diagonal [cm]	40 cm
Display width	344.2 mm
Display height	193.5 mm
Viewing angle	160° x 140°
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Resolution (pixels)	
• Horizontal image resolution	1 920 Pixel
• Vertical image resolution	1 080 Pixel
• Pixel size, horizontal	0.17925 mm
• Pixel size, vertical	0.17925 mm
General features	
• Detachable from computer unit	Up to 100 m Ethernet

<ul style="list-style-type: none"> Brightness/contrast 	400 cd/m ² / 700:1
<ul style="list-style-type: none"> non-reflective and tempered mineral glass screen 	Yes
<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	
Input device	
<ul style="list-style-type: none"> Integrated mouse cursor control 	Yes; Also externally via USB
Touch operation	
<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	Support arm mounting
Support arm mounting	Yes; Suitable for support arm and extension components (please refer to manual)
Stand mounting	No
VESA mounting	Yes; With VESA adapter set
Supply voltage	
Type of supply voltage	24 V 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
Power loss	
Power loss, typ.	25 W
Power loss, max.	30 W
Interfaces	
Number of industrial Ethernet interfaces	1; Ethernet, 1 port, RJ45
USB on the rear	2x onboard
Connection for keyboard/mouse	USB
Video interfaces	
<ul style="list-style-type: none"> DVI-D 	No
<ul style="list-style-type: none"> DisplayPort 	Yes; DisplayPort V1.1
Touch interfaces	
<ul style="list-style-type: none"> USB 	Yes
Degree and class of protection	
IP (all-round)	IP65
Enclosure Type 4 at the front	Yes

Enclosure Type 4x at the front	Yes
NEMA4 at the front	Yes
NEMA4X at the front	Yes

Standards, approvals, certificates

CE mark	Yes
UL approval	Yes; In application process
cULus	Yes; In application process
RCM (formerly C-TICK)	Yes; In application process
KC approval	No
EAC (formerly Gost-R)	Yes; In application process

Marine approval

<ul style="list-style-type: none"> • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) • Polski Rejestr Statkow (PRS) 	No
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Use in hazardous areas

<ul style="list-style-type: none"> • ATEX Zone 2 • ATEX Zone 22 • FM Class I Division 2 	No
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Ambient conditions

Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. 	0 °C 50 °C; Vertical installation (horizontal)

Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> • min. • max. 	-20 °C 60 °C

Relative humidity	
<ul style="list-style-type: none"> • Operation, max. 	95 %

Vibrations	
<ul style="list-style-type: none"> • Vibration load in operation • Vibration load during transport/storage 	1 gn 1 gn

Shock testing	
<ul style="list-style-type: none"> • Shock load during operation • Shock load during transport/storage 	15 gn 15 gn

Mechanics/material

Enclosure material (front)	
<ul style="list-style-type: none"> • Glass 	Yes; at front

Dimensions

Width	396 mm
Height	255 mm
Depth	163 mm

Weights

Weight without packaging	4 kg
Weight incl. packaging	6 kg

last modified: 10/13/2017