SIEMENS

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

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

• Brightness/contrast	400 cd/m² / 700:1
• non-reflective and tempered mineral glass screen	Yes
• Luminance	400 cd/m²
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %

Control elements

Input device	
• Integrated mouse cursor control	Yes; Also externally via USB
Touch operation	
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes

Installation type/mounting

Design	Pedestal mounting
Support arm mounting	No
Stand mounting	Yes
VESA mounting	No

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	
• DVI-D	No
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• 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

• Germanischer Lloyd (GL)	No
• American Bureau of Shipping (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (Class NK)	No
• Polski Rejestr Statkow (PRS)	No

Use in hazardous areas

• ATEX Zone 2	No
• ATEX Zone 22	No
• FM Class I Division 2	No

Ambient conditions

Ambient temperature during operation

• min.	0 °C
• max.	50 °C; Vertical installation (horizontal)

Ambient temperature during storage/transportation

• min.	-20 °C
• max.	60 °C

Relative humidity

• Operation, max.	95 %

Vibrations

• Vibration load in operation	1 gn
• Vibration load during transport/storage	1 gn

Shock testing

• Shock load during operation	15 gn
• Shock load during transport/storage	15 gn

Mechanics/material

Enclosure material (front)

• Glass	Yes; at front

Dimensions

Width	396 mm

Height	255 mm; Without basic adapter
Depth	101 mm; Without basic adapter
Weights	
Weight without packaging	4 kg
Weight incl. packaging	6 kg
last modified:	10/13/2017