



SIMATIC IFP1500 V2 Extended 4:3 15" multi-touch display (4:3) with 1024x768 pixel resolution; built-in unit for 24 V DC; DisplayPort; can be placed up to 100 m away HDBaseT; USB on the rear side; standard Siemens design

General information	
Short designation	Flat Panel 15" multi-touch ext.
Display	
Design of display	TFT display, LED backlighting
Screen diagonal	15 in
Screen diagonal [cm]	38.01 cm
Display width	304.1 mm
Display height	228.1 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	170° x 160°
Resolution (pixels)	
• Image resolution	1 024 x 768
• Horizontal image resolution	1 024 pixel
• Vertical image resolution	768 pixel
• Pixel size, horizontal	0.297 mm
• Pixel size, vertical	0.297 mm
General features	
• Brightness/contrast	400 cd/m ² / 800:1
• non-reflective and tempered mineral glass screen	Yes
• Detachable from computer unit	100 m; HDBaseT V2.0
• Luminance	400 cd/m ²
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (at 25 °C)	50 000 h; At 25°C
Control elements	
Control elements	multi-touch screen
Touch operation	
• Design as touch screen	Yes; Projective-capacitive
• Design as multi-touch screen	Yes; Projective-capacitive
• Monitor keyboard	Yes
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)	0.7 A
Current consumption, max.	1.15 A
Inrush current, max.	2.8 A
Starting current inrush I ² t	0.5 A ² ·s
Power loss	
Power loss, typ.	16.8 W
Power loss, max.	20 W
Interfaces	
Number of USB interfaces	3; 2x USB 2.0 type A, 1x USB 2.0 type B
USB on the rear	Yes; 2x onboard
USB at the front	No
Connection for keyboard/mouse	USB
Video interfaces	
<ul style="list-style-type: none"> • DVI-D • DisplayPort 	No 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)	IP20
NEMA (front)	
<ul style="list-style-type: none"> • Enclosure Type 4 at the front • Enclosure Type 4x at the front • Enclosure Type 12 at the front 	Yes Yes Yes
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes; cULus, cUL
<ul style="list-style-type: none"> • UL 508 	UL 61010
cULus	Yes
Use in hazardous areas	
<ul style="list-style-type: none"> • ATEX Zone 22 	No
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. 	0 °C 50 °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. 	90 %; no condensation
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 acceleration during storage/transport 	15 gn 15 gn
Mechanics/material	
Enclosure material (front)	
<ul style="list-style-type: none"> • Aluminum • Aluminum casting • Glass 	Yes Yes Yes; at front
Enclosure material (rear)	aluminum

Dimensions	
Width of the housing front	466 mm
Height of housing front	306.2 mm
Mounting cutout, width	448 mm; Tolerance: +1 mm
Mounting cutout, height	288 mm; Tolerance: +1 mm
Overall depth	63.4 mm
Weights	
Weight (without packaging)	4.7 kg
Weight (with packaging)	6 kg

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