



SIMATIC IFP1200 Basic Flat Panel 12" display (16:10), Touch, 1280 x 800 pixels, standard up to 5 m, for 24V DC, DisplayPort/VGA interface

General information	
Product type designation	IFP1200 Basic
Short designation	Basic Flat Panel 12" Touch
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	12.1 in; 12"
On Screen Display (OSD) configuration	No
Number of colors	16 000 000; 16 million
Resolution (pixels)	
• Image resolution	1 280 x 800
• Horizontal image resolution	1 280 pixel
• Vertical image resolution	800 pixel
General features	
• Detachable from computer unit	5 m
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (at 25 °C)	50 000 h
• Backlight dimmable	Yes; 0-100 %
Control elements	
Control elements	single-touch screen
Input device	
• Integrated mouse cursor control	No
Touch operation	
• Design as touch screen	Yes; Analog-resistive
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	45°
maximum permitted backward tilt angle from vertical	45°
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Power loss	

Power loss, typ.	13 W
Power loss, max.	60 W
<b>Interfaces</b>	
Number of USB interfaces	2; USB 2.0 (downstream)
USB on the rear	Yes; 2x onboard
<b>Video interfaces</b>	
• DisplayPort	Yes
<b>Touch interfaces</b>	
• USB	Yes; USB 2.0 Type B
<b>Degree and class of protection</b>	
IP (at the front)	IP65
<b>Standards, approvals, certificates</b>	
CE mark	Yes
cULus	Yes; UL 61010-1, UL 61010-2-201
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
FCC	Yes
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	45 °C
<b>Ambient temperature during storage/transportation</b>	
• min.	-20 °C
• max.	60 °C
<b>Relative humidity</b>	
• Operation, max.	85 %
<b>Vibrations</b>	
• Vibration load in operation	5 m/s <sup>2</sup>
• Vibration load during transport/storage	10 m/s <sup>2</sup>
<b>Shock testing</b>	
• Shock load during operation	150 m/s <sup>2</sup>
• shock acceleration during storage/transport	150 m/s <sup>2</sup>
<b>Mechanics/material</b>	
Enclosure material (front)	
• Aluminum	Yes
<b>Dimensions</b>	
Width of the housing front	319.6 mm
Height of housing front	225.6 mm
Mounting cutout, width	302 mm
Mounting cutout, height	208 mm
mounting depth	50.1 mm
<b>Weights</b>	
Weight (without packaging)	2.7 kg

<b>Classifications</b>			
		<b>Version</b>	<b>Classification</b>
	eClass	14	19-20-02-01
	eClass	12	19-20-02-01
	eClass	9.1	19-20-02-01
	eClass	9	19-20-02-01
	eClass	8	19-20-02-01
	eClass	7.1	19-20-02-01
	eClass	6	19-20-02-01
	ETIM	10	EC004862
	ETIM	9	EC001428
	ETIM	8	EC001428

ETIM	7	EC001428
IDEA	4	6675
UNSPSC	15	43-21-19-02

**Approvals / Certificates**

**General Product Approval**

[Manufacturer Declaration](#)



**General Product Approval** **EMV**

[BIS CRS](#)



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