

SIMATIC IFP1500 FLAT PANEL 15" DISPLAY (16:9),
MULTITOUCH, STANDARD VERSION MAX. 5M, 1366X768 PIXEL,
FOR 24V DC, DISPLAYPORT / DVI INTERFACE INCL. DVI/USB-
CABLE 1,8 M



Figure similar

General information	
Product type designation	IFP1500 MT
Short designation	Flat Panel 15" multi-touch
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 160°
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216
Number of colors (bit levels)	24 bit
Resolution (pixels)	
• Resolution (WxH in pixel)	1366 x 768
• Horizontal image resolution	1 366 Pixel
• Vertical image resolution	768 Pixel

• Pixel size, horizontal	0.252 mm
• Pixel size, vertical	0.252 mm
General features	
• Detachable from computer unit	5 m
• Brightness/contrast	400 cd/m² / 900:1
• Luminance	400 cd/m²
Backlighting	
• Type of backlighting	LED
• MTBF backlighting (up to 50%, at 25 °C)	70 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %
Control elements	
Keyboard fonts	
• Function keys	No
Touch operation	
• Monitor keyboard	Yes
Installation type/mounting	
Built-in unit	Yes; Portrait mode possible
• permissible angle to the vertical backward (console)	35°
• permissible angle to the vertical forward (ceiling mounting)	35°
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Power loss	
Power loss DC	
• Typical	40 W
• Maximum	60 W
Interfaces	
Video interfaces	
• analog video signal (VGA)	No
• DVI-D	Yes
• DisplayPort	Yes; DisplayPort V1.1
Touch interfaces	
• USB	Yes
Degree and class of protection	
IP65 at front	Yes
Enclosure Type 4 at the front	Yes

Enclosure Type 4x at the front	Yes
Enclosure Type 12 at the front	Yes
NEMA4 at the front	No
NEMA4X at the front	No
IP20 rear	Yes

Standards, approvals, certificates

CE mark	Yes
cULus	Yes; Corresponds to UL 508
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes

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

Use in hazardous areas

• ATEX Zone 2	Yes
• ATEX Zone 22	Yes
• FM Class I Division 2	Yes

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 %; Non-condensing
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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

Type of housing (front)	Glass
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Dimensions

Width of the housing front	416.5 mm
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Height of housing front	298 mm
Mounting cutout, width	398 mm; Tolerance: +1 mm
Mounting cutout, height	279 mm; Tolerance: +1 mm
Overall depth	62.5 mm

Weights

Weight without packaging	4.2 kg
Weight incl. packaging	5.3 kg

last modified: 10/25/2016