

SIMATIC IFP1900 FLAT PANEL 19" DISPLAY (16:9), TOUCH, STANDARD VERSION, MAX 5M, 1366X768 PIXEL, FOR 24V DC, DISPLAYPORT / DVI INTERFACE INCL. DVI/USB-CABLE 1,8M



General information	
Short designation	Flat Panel 19" Touch
Display	
Screen diagonal	18.5 in
Screen diagonal (cm)	47 cm
Display width	409.8 mm
Display height	230.4 mm
Type	TFT
On Screen Display (OSD) configuration	no, can be set with the software
Number of colors (bit levels)	24 bit
Number of colors	16777216
Resolution (pixels)	
Horizontal image resolution	1366
Vertical image resolution	768
Resolution (WxH in pixel)	1366 x 768
Pixel size, horizontal	0.3 mm
Pixel size, vertical	0.3 mm
General features	
Detachable from computer unit	5 m

Brightness, max.	300 cd/m ²
Backlighting	
Backlighting (type)	LED
MTBF backlighting (up to 50%, at 25 °C)	50000 h ; At 25°C
Dimmable backlight	Yes ; 0-100 %
Control elements	
Function keys	No
Touch operation	
Touch keyboard	Yes
Installation type/mounting	
Built-in unit	Yes
Permissible angle to the vertical backward (console)	35°
Permissible angle to the vertical forward (ceiling mounting)	35°
Supply voltage	
Type of actuation	DC
DC	Yes
Rated voltage (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Power losses	
Power loss DC	
Typical	40 W
Maximum	65 W
Interfaces	
Video interfaces	
DVI-D	Yes
Display port	Yes ; Display port V1.1
Touch interfaces	
USB	Yes
Degree and class of protection	
IP65 at front	Yes
Enclosure Type 4 at the front	Yes
NEMA4 at the front	No
NEMA4X at the front	No
IP20 rear	Yes
Standards, approvals, certificates	
CE	Yes
KC approval	Yes

cULus	Yes ; Corresponds to UL 508
C-TICK	Yes
GL	Yes ; Available soon
ABS	Yes ; Available soon
BV	Yes ; Available soon
DNV	Yes ; Available soon
LRS	Yes ; Available soon
Class NK	Yes ; Available soon
Use in hazardous areas	
ATEX Zone 22	Yes ; Available soon
FM Class I Division 2	Yes ; Available soon
Ambient conditions	
Min. ambient temperature	0 °C
Max. ambient temperature	45 °C ; Vertical installation (horizontal)
Storage/transport temperature	
Min.	-20 °C
max.	60 °C
Relative humidity	
Relative humidity during operation	95 % ; Non-condensing
Vibrations	
Vibration load in operation	1 g
Vibration load during transport/storage	1 g
Shock testing	
Shock loading in operation	15 g
Shock load during transport/storage	15 g
Mechanics/material	
Type of housing (front)	Aluminum
Aluminum	Yes
Dimensions	
Width of the housing front	483 mm
Height of housing front	337 mm
Depth/installation dimension	62.5 mm
Mounting cutout, width	465 mm ; Tolerance: +1 mm
Mounting cutout, height	319 mm ; Tolerance: +1 mm
Weight	
Weight without packaging	5.5 kg
Weight incl. packaging	6.5 kg
Status	Mar 18, 2013