



Figure similar

SIMATIC HMI IWP10F Mobile WebClient, 10.0" TFT display, 1280x800 pixels, 16 million colors, multi-touch, 7 function keys, handwheel, PROFINET/Industrial Ethernet interface, USB, acknowledgment button, emergency stop button

General information	
Product type designation	IWP10F Mobile WebClient
Display	
Design of display	10" TFT multi-touch
Screen diagonal	10 in
Color display	Yes
Resolution (pixels)	
• Horizontal image resolution	1 280 pixel
• Vertical image resolution	800 pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %
Control elements	
Keyboard fonts	
• Function keys	Yes
— Number of function keys	7
— Number of function keys with LEDs	7
• Numeric keyboard	Yes; Onscreen keyboard
• alphanumeric keyboard	Yes; Onscreen keyboard
Touch operation	
• Design as touch screen	Yes
• Design as multi-touch screen	Yes; Projective-capacitive
Special operator controls	
• Stop button (forced blocking)	Yes
• Emergency stop button (illuminated and forced blocking)	Yes
• Acknowledgement button (3-stage)	Yes
• Handwheel	Yes
Expansions for operator control of the process	
• DP direct LEDs (LEDs as S7 output I/O)	
— F1...Fx	7
• Direct keys (keys as S7 input I/O)	
— F1...Fx	7
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
Input current	
Current consumption (rated value)	0.98 A

Power	
Active power input, typ.	24 W
Processor	
Processor type	Intel Atom E3930, 800 MHz, 2 cores
Memory	
Flash	Yes
RAM	Yes
Time of day	
Clock	
• synchronizable	Yes
Interfaces	
Number of industrial Ethernet interfaces	1
Number of USB interfaces	1
Number of wireless interfaces	0
Number of SD card slots	0
Protocols	
PROFINET	Yes
Supports protocol for PROFINET IO	Yes
PROFIsafe	No
Protocols (Ethernet)	
• TCP/IP	Yes
• DHCP	Yes
WEB characteristics	
• HTTP	Yes
• HTTPS	Yes
• HTML	Yes; HTML5
• XML	Yes
• CSS	Yes
• Active X	No
• JavaScript	Yes
• Java VM	No
EMC	
Emission of radio interference acc. to EN 55 011	
• Limit class A, for use in industrial areas	Yes
• Limit class B, for use in residential areas	No
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
FM approval	No
RCM (formerly C-TICK)	Yes
KC approval	No
EAC (formerly Gost-R)	No
CCC	No
Suitable for safety functions	Yes
Marine approval	No
Highest safety class achievable in safety mode	
• Performance level according to ISO 13849-1	PLe
• SIL acc. to IEC 61508	SIL 3
Ambient conditions	
Free fall	
• Fall height, max.	1.2 m
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	55 °C
Relative humidity	
• Operation, max.	95 %; no condensation
Languages	

Online languages	
• Number of online/runtime languages	5; de, en, fr, it, es
Functionality under WinCC (TIA Portal)	
Variables	
• Number of variables per screen	200
Image objects	
• Number of objects per image	400
Complex image objects	
• Number of complex objects per screen	20
Peripherals/Options	
USB memory	Yes; USB storage medium can be connected
Mechanics/material	
Enclosure material (front)	
• Plastic	Yes
Weights	
Weight (without packaging)	1.5 kg

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