



Industrial Automation

HMI - Product Catalogue

4 or 5-wire resistive touch-screen
that ensures proper function even with
superficial damage to the surface

IP69K protection rating on the front panel, resistant
to **high pressure water jets** (up to 100 bar) from any
direction and to temperatures up to 80 °C
(ISO 20653 compliant)

INOX V2A (AISI 304)
stainless steel particularly
corrosion-resistant

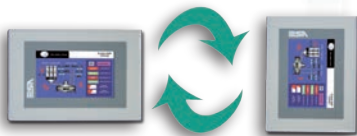
IP69K

Front panel **TRUE
FLAT touch screen**

**Wide Viewing Angle
Technology** allowing
perfect view of the display
from any angle

Option to use any terminal
in the IT range **both**
horizontally and vertically

Compliant to **FDA 21, DIN EN1672-2**
and **EHEDG guideline**
required for food, pharmaceutical
and chemical applications



State of the art **industrial displays** with
strong backlight and **White-LED** technology

INOX IT touch panels offer a large curvature of the outer frame (increased by 4 times the minimum required by regulation) which avoids the accumulation and contamination of microbes and bacteria.

Stainless steel IT Touch Screen terminals



IT107WX

IT112TX

Display

Technology	Graphic LCD TFT	
Colours	65.536 colors	
Size	7"	12,1"
Resolution	800 x 480 pixel	800 x 600 pixel
Backlight	White LED	
Life (min. at 25 °C)	50.000 hours	
Touch screen	Analog	Analog (5 wires)

Terminal

Processor	Intel(R) PXA270	
CPU clock	520 MHz	
RAM	64 MB	128 MB
Flash	32 MB	64 MB

Interfaces

First port	SP1 (RS232/485/MPI)	
Second port	SP2 (RS232/485/MPI), CAN, Profibus-DP	
Network	Ethernet 10/100 Mbit - Rj45	2 x Ethernet 10/100 Mbit - Rj45
USB Host port	USB 1.1	2 x USB 1.1
USB Device port	USB 1.1	
CardBus slot	Secure Digital / MMC	Secure Digital / MMC + Compact Flash
Audio	-	Mic In + Line Out

Dimensions

External (W/D/H)	228 x 155 x 44,3 (mm) (63,7 with double port)	336 x 256 x 67,6 (mm)
Cut-out (W/H)	219 x 146 (mm)	320 x 240 (mm)

Technical specifications

Power supply	18...32 Vdc	
Power consumption	~ 8 W (24 Vdc)	~ 15 W (24 Vdc)
Operating temperature	0...+50 °C	
Storage temperature	-20...+65 °C	
Humidity	<90% (non condensing)	
Hardware clock	Supercapacitor 72h	
Weight	~ 1,6 kg	~ 4,8 kg
Protection level	IP69K front (<i>in progress</i>)	
Certifications	CE, ATEX zona II cat. 3 G/D, Vibration EN60068-2-6, Shock EN60068-2-27, Humidity EN60068-2-30	
Programming software	Polymath HMI / Polymath Advanced	

Codes and descriptions

IT107WX 101	7" wide INOX - Ports: SP1 - Ethernet - TFT
IT107WX 111	7" wide INOX - Ports: SP1, SP2 - Ethernet - TFT
IT107WX 121	7" wide INOX - Ports: SP1, CAN - Ethernet - TFT
IT107WX 131	7" wide INOX - Ports: SP1, Profibus-DP - Ethernet- TFT

IT112TX 112	12,1" INOX - Ports: SP1, SP2 - 2xEth- TFT
IT112TX 122	12,1" INOX - Ports: SP1, CAN - 2xEth - TFT
IT112TX 132	12,1" INOX - Ports: SP1, Profibus-DP - 2xEth - TFT

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