



IP 69K



## Stainless steel HMI

Extreme durability. High endurance.

The 7" IT107W and 12" IT112 with AISI 304/V2A stainless steel bezel and TRUE-FLAT touch screen make cleaning quick, easy and effective.

Thanks to the front bezel's very high degree of protection, IP69K according to ISO EN 20653, these HMIs offer excellent chemical resistance to highly corrosive substances (such as cleaning chemicals, alkaline substances, etc...) and safeguards against frequent washing at high pressure, such as is normal in the food, pharmaceutical and chemical industries.

The large outside edge radius of curvature on the bezel (4 times the minimum required by law) prevents deposition and contamination of bacteria or microbes on the front. In addition, the front panel complies with DIN EN1672-2, EHEDG guideline and FDA requirements in the food, pharmaceutical and chemical.

The stainless steel HMIs are equipped with industrial displays and high brightness White LED backlight, touch screen technology with 4 or 5 wires that ensures optimal functionality even with superficial damage on the surface.

The stainless steel HMIs, in addition to CE compliance are certified ATEX (Zone 2/22, category 3 G / D), ensuring total security and protection of the system.

Stainless steel HMIs are equipped with:

- SP1 serial port (RS232 / RS485 with integrated MPI)
- USB port (type of device) for programming the terminal
- COM0 port (RS-232), USB port (host type) for connecting peripheral devices (headboards and mouse), for easy import/export data on USB key and printing reports
- Serial port SP2 (RS232 / RS485 with integrated MPI) CAN, Profibus-DP or ProfiNet
- Ethernet Port 10/100 Mbit
- Slot for Secure Digital and MultiMedia Card (MMC)
- Second slot for Compact Flash memory
- Extended power supply range 18..32 Vdc and extremely low power consumption
- Powered by Polymath

Features	IT107 Wide	IT112
Display Size	7 "	12,1 "
Display Technology	TFT	
Display Colors	65k	
Backlight life (hours)	50k	
Display Backlight	LED	
Display Resolution (pixel)	800 x 480	800 x 600
CPU	Intel PXA 270	
RAM	64MB	128MB
Flash	32MB	64MB
Serial Ports	SP1 (232/485/MPI), SP2 (RS-232/485/MPI), CAN, Profibus-DP, ProfiNet	
USB port Host	1 x v.1.1	2 x v.1.1
USB port Device	1 x v.1.1	1 x v.1.1
CardBus Slot	1 x Secure Digital	
Compact Flash Slot	-	1 x Compact Flash
Ethernet	1 x 10/100 Mb	2 x 10/100 Mb
Hardware Clock	Supercapacitor 72h	
Power supply (Vdc)	18 - 32	
Consumption (W)	8	15
Operating Temperature (°C)	0 ... + 50 (non condensing)	
Storage Temperature (°C)	-20 ... + 65	
Humidity	<85% (non condensing)	
External dimensions (W/H/D) (mm)	202 x 142 x 39,2 (SPI) / 202 x 142 x 58,2 (SPI-SP2)	336,3 x 256 x 62,9
Cut-out dimensions (W/H) (mm)	194 x 134	314 x 240
Weight (kg)	- 2,2	- 4,6
Protection degree (front)	IP 69K	
Certifications	CE, ATEX (Group II - cat.3 G D - zone 2/22), Vibration EN60068-2-6, Shock EN60068-2-27, Humidity EN60068-2-30	