



Keyboard HMI

Don't touch, just press my keys.

ESA Automation offers the IT series with keyboard.

For applications where direct tactile keyboard input is preferred to a touchscreen keyboard, the IT105TK is perfect. The HMI has a bright 5.7" TFT display with white LED backlight. IP66 protection on the front bezel and comprehensive communication options makes the IT105TK the obvious choice for all your harsh environments.

IT105TK is a terminal with 5,7" TFT Display, resolution 320x240, 65.536 colors.



Each of the function keys available can be configured to suit different projects.



The device memory can be expanded with a SD card. Historic files created in runtime can also be saved.

These the main features:

- 18 operative keys
- 12 function keys
- 11 alphanumeric keys
- Powered by Polymath



Features

IT105TK

Display Size	5,7"
Display Technology	Graphic LCD TFT
Display Colors	65.536
Display Backlight	LED
Display Resolution (pixel)	320 x 240
Backlight life (hours)	50k
Operative keys	18
Function keys	12
Alphanumeric keys	11
Processor	Intel (R) PXA270
RAM (MB)	64
Flash (MB)	32
First port	SP1 (232/485/MPI)
Second port	SP2 (RS232/485/MPI), CAN, Profibus-DP
Ethernet	1 x 10/100 Mb
USB Host port	USB 1.1
USB Device port	USB 1.1
Cardbus Slot	Secure Digital / MMC
Power supply (Vdc)	18 - 32
Consumption (W)	- 10
Operating Temperature (°C)	0 ... +50 (non condensing)
Storage Temperature (°C)	-20 ... + 65
Humidity	<90% (non condensing)
External dimensions (W/D/H) (mm)	261,2 x 172,4 x 51,6 (70,6 with double port)
Cut-out dimensions (W/H) (mm)	243,5 x 147
Hardware clock	Supercapacitor 72h
Weight (kg)	- 1,5
Protection degree (front)	IP66
Certifications	CE, cULus, ATEX zona II cat. 3 G/D, DNV, Vibration EN60068-2-6, Shock EN60068-2-27, Humidity EN60068-2-3

