HMI terminal with integrated Soft PLC Pixsys TD series

Touchscreen pedestals 4.3 to 15 with software automation
IEC 61131-3 programming, Ethernet, RS485, CAN



KEY FEATURES

- From 4.3 to 15
- IEC 61131-3 programming
- I/O directly on the panel

Description

The terminals of the TD series from Pixsys combine a touch-screen operator panel and a software automaton (Soft PLC). A single unit manages the graphical interface and the logic of the machine, which reduces hardware, wiring, and the cost of automation.

From 4.3 to 15

The series covers the TD410 (4.3), TD710 (7), TD810 (10), TD820 (12) and TD830 (15) formats, with a resistive touchscreen TFT display and an ARM Cortex-A8 processor at 1 GHz with a graphics accelerator.

IEC 61131-3 programming

Logic is programmed with LogicLab in the ST, IL, FBD, SFC and LADDER languages, and the vector graphical interface with Movicon. Isolated Ethernet, RS485 and CAN ports, Modbus RTU/TCP and CANopen.

I/O directly on the panel

Up to two ETD1644 cards can be connected to the back of the console to add analog and digital inputs and outputs. Robust aluminum enclosure, VPN kit available as an option.

Typical applications

- Special machines for small and medium-sized businesses
- Ovens, furnaces and thermal equipment
- Local supervision of processes
- Renovation of operator desks

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Technical specifications

Models	TD410 4.3 480 x 272, TD710 7 800 x 480, TD810 10 800 x 600, TD820 12 1280 x 800, TD830 15 1024 x 768
Screen	TFT, resistive touch
Processor	ARM Cortex-A8 1 GHz, graphics accelerator
System	Windows Embedded Compact 7
Programming	LogicLab IEC 61131-3 (ST, IL, FBD, SFC, LADDER), Movicon
Communication	2 x isolated Ethernet, RS485 and CAN; USB; Modbus RTU/TCP, CANopen
Extension	Up to 2 E/S cards ETD1644
Nutrition	24 VDC (TD710: 6.5 W)
Protection index	Front view IP65
Options	VPN Kit

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
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