

По вопросам продаж и поддержки обращайтесь:

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Киров (8332)68-02-04	Рязань (4912)46-61-64	Ярославль (4852)69-52-93
	Самара (846)206-03-16	

Единый адрес: psx@nt-rt.ru **Веб-сайт:** www.pixsys.nt-rt.ru

Панели оператора TD320 PIXSYS. Техническое описание

HMI Panel 5.7" 320x240 **TD320**

HMI panel with integrated soft-PLC, 5.7" 256-colour display, resistive touchscreen.



In addition to the supervision function, the **operator panel TD320** integrates a **soft-PLC** that **develops the control logics of the system**. The presence of two Bus serials (RS232 and RS485) guarantees connectivity with all devices that have the Modbus RTU protocol.

The integrated soft-PLC can be programmed via the proprietary development environment PLProg with LADDER logic. Graphic integration is provided by the proprietary app TdDesigner, which allows the user to create simple synoptics.

User friendly, multimedia support and traceability

For the entire range of Pixsys products we provide technical support for installation, programming and operation via our online forum and via Skype.

Programming tutorial videos are available on our youtube channel.

As for the entire range of PIXSYS products, thanks to the **QR code** the traceability of the product is guaranteed for its entire life cycle; the information and documentation online can be also be accessed by reading the QR CODE that directs your mobile device to the product's technical specifications and verifies its warranty conditions.

Ordering codes

TD320-AD

HMI 5,7" with soft-plc + 3 serial ports RS232/RS485/RS422

2100.30.001

M.c. Par Series TD240 - TD320- ATR313

2100.10.009

Programming tool

Main features

Box

204x170 (front panel) x 48

Power supply

12...24Vac/Vdc $\pm 15\%$ 50/60 Hz

Consumption

10W

Display

Display LCD STN 5,7" - 256 Colours, integrated Touch-screen, (lifetime typ. 30000h @25°C)

Operating conditions

Temperature 0-45 °C, humidity 35..95 uR% (non condensing)

Material

Front panel: aluminium with polycarbonate coverage; Box: chromed steel

Weight

Approx. 1430 gr

Sealing

IP54 (Front panel) , IP20 (Box and Terminal bloks)

Quick set-up options

SLOT Memory Card (MMC) for program download (Ladder+graphics)

Expansions

Pixsys modules MCM260-1/2/3/4/5 or other Modbus devices

Inputs

Digital

8 Inputs for external contacts on connector 25poles

Outputs

Digital

1 General alarm output

Serial ports

1 Programming / Communication port with RS232 interface, 1 communication port with RS485/RS422 interface, galvanic insulation, 1 communication port with RS232/RS485 interface

Software features

Operating logic functioning

Pixsys PLprog software for Ladder diagrams; 10Kword variables VW, 800 marker (logic relays), 128 bistables, 128 timer 16 bit, 64 up-down counters, mathematic and logic functions, rescale function, contact on bit

Graphic interface programming

Software Pixsys TDdesigner

Communication protocols

Modbus RTU Master / slave; Free-Port mode for Modem protocols or proprietary devices

Memory

768 Kbyte Flash for programming, 10k words non-volatile Ram (6 months) 1000 words EEprom, 30K words MMC

Clock

Real-Time clock, Back-up battery

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