

Pakscan—TSI

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Touch Screen Interface



The **Touch Screen Interface** is a human machine interface designed to be used with the Rotork Pakscan digital control system. A large, easy to view graphical display puts the supervisor in control of the plant with the minimum of effort. The touch screen display panel gives clear, concise information on valve status and permits full plant operation.

The Touch Screen Interface is generally supplied with Rotork's **In-Vision** software application packages for the monitoring and control of the valves and actuators on the Pakscan system.

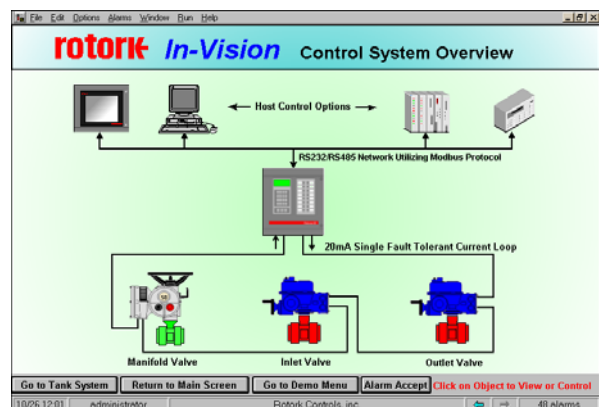
In-Vision is a powerful, user friendly, supervisory control and data acquisition software package that complements the Rotork Pakscan 2 wire control system. Once installed, the valves, pumps, mixers and control devices are all shown on graphic display screens.



Configured by Rotork for each user system, **In-Vision** provides

- Plant Mimic Diagrams,
- System Status Screens,
- Pop-up control panels
- Historical Logging,
- Plant Overviews,
- Alarms and Reporting.

In addition, animated displays of actuator torque output versus valve position can be viewed and analysed for predictive valve maintenance



In-Vision gives instant control and monitoring facilities for all the connected valve actuators and other control elements on the Pakscan 2 wire control loop. **In-Vision** communicates with the Pakscan master station via the computer RS232 port or the 10/100BaseT LAN port using standard Modbus RTU or Modbus TCP protocol.

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TSI Technical Specification

Operating System

Windows XP SP 2

LCD

Viewable Screen 15.0" Diagonal
Panel Type TFT Active Matrix
Max. Resolution 1024 x 768
Brightness 250 cd/m²
Viewing Angle +/- 60° Horizontal
+/- 45° Vertical
Light Source CCFL; 40,000 Hrs. Life
Frequency Horizontal 30 - 60 kHz
Vertical 50 - 75 kHz
Colours 16 million
Contrast Ratio 400:1
Touchscreen Resistive, Antiglare (Optional)

Mechanical

Size 16" W x 12.9" H x 6" D
(406.4mm x 327.6mm x 152.40mm)
Weight 27 lbs
(12.24 Kg)
Material Stainless Steel 304
Finish No. 4 Polished
Rating NEMA 4X (IP65)
Humidity 10% - 90% RH
Temp 0 - 50°C (-20 - 50°C Optional)

Electrical

Supply Voltage 85V to 264Vac
9 - 36 Vdc (Optional)
Current 0.4A max @ 115Vac
4.2A @ 12Vdc (Optional)
Power Consumption 45W max.

Interface

I/O Ports KB/MS, (1) USB, (2) COM,
(1) LPT, 10/100 BaseT

Processor

CPU VIA 1GHz
Slots 1 PC/104
Memory Up to 512MB SDRAM
Video Integrated AGP Controller
LAN 10/100BaseT

Peripherals

HDD 2.5" IDE, 40/60 GB

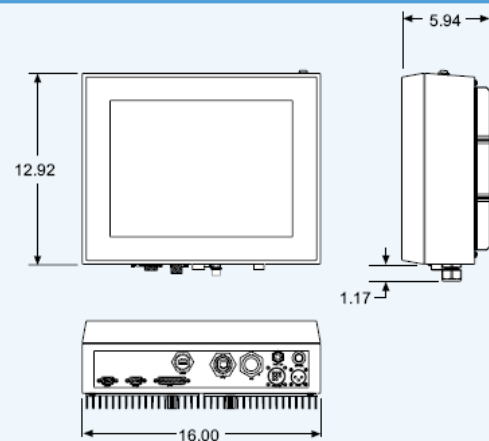
Certification Options

FCC, UL, CUL, CE

Installation Pack (Optional)

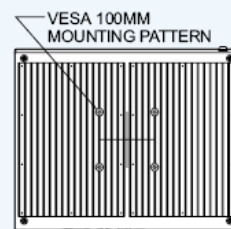
Contains Keyboard & Mouse with Sealed I/O Connectors

Standard View

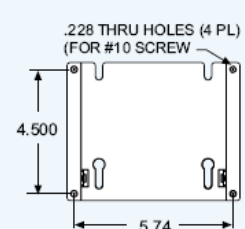


Wall Mount Information

VESA Mounting Pattern



Wall Mount Template



rotork

<http://www.rotork.com>

As we are continually developing our products, their design is subject to change without notice.

The name Rotork is a registered trademark.

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