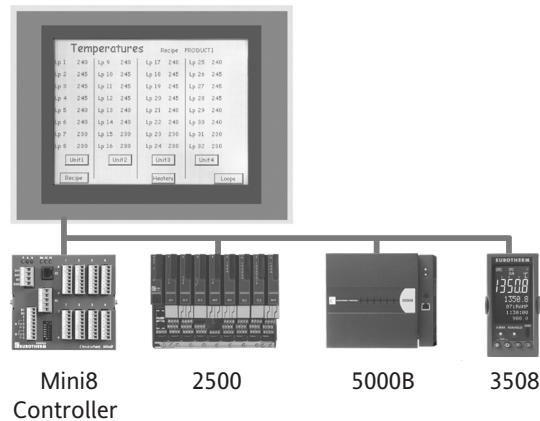


VT505 MODEL



Graphical Touchscreen Panel Specification Sheet

Features :

- 5.7" Touchscreen LCD
- 128 User pages
- 34 Variables per page
- 128 recipes
- Modbus RTU master
- Import of Bitmap images
- Password Protection

VT505 provides an ideal operator interface for monitoring and changing process parameters in any slave instrument. Compatible with any Modbus RTU product such as the Mini8™ Controller or 2500 it can also be used as an operation window into other communicating devices.

Although compact, the VT505 is constructed in a rugged, pressed aluminium case with a sealed matrix touch display. Its IP65 panel rating makes it ideal for harsh industrial environments.

Dynamic text, help messages and easy to use function keys provide the operator with rapid access to any data that they wish to view or adjust. Functions can be programmed via the matrix touch screen for direct access to displays, alarms, recipe download or simply to toggle or alter a variable.

The VT505 can be ordered pre-configured to suit Mini8 Controller applications, enabling plug and play operation, without the need for any user configuration. Alternatively, users can create their own customised view of the process using the VTWIN programming software.

Technical Specification

Operator panel

Display type	Graphic LCD. 4 tones of blue STN
Touch screen	Matrix 20 x 16
Back lighting	CCFL
Back lighting lamp life	45000 hours (at 25°C)
Resolution	320 x 240 pixels
Display area (mm)	115.17 x 86.37
Columns by rows/Character dimensions	Depending on used font
Contrast adjustment	Software set
Character set	Programmable fonts/TTF Windows

User memory

Project (byte)	640k
Recipes/Alarm buffer (bytes)	16k/-flash

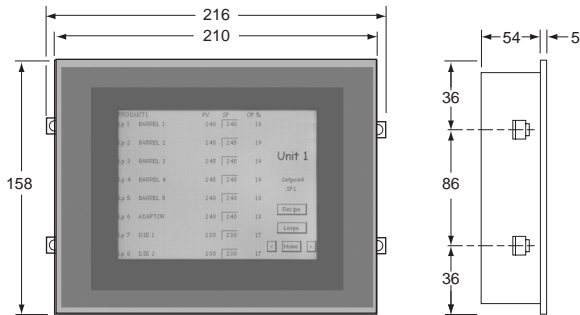
Interfaces

MSP serial port	EIA232/422/485/TTY 20mA
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Dimensions

External (mm)	210W x 158H x 60D
Cut out (mm)	198W x 148H

Dimensional details



Technical data

Power supply	18...32Vdc/10W
Protection level	IP65 front
Operating temperature (°C)	0...+50
Storage/transport temp. (°C)	-20... +60
Humidity (non-condensing)	<85%
Power Consumed (24Vdc)	10W
Weight (kg)	1,4

Main features

Languages on line	4
Passwords	10/8
Pages/fields per page	128/34
Variable Formats available	DEC, HEX, BIN, BCD, ASCII, floating point
Dynamic texts/lists of images memory	Value depends on dimensions of project
ISA alarms/info-messages	-/256
Help messages (pages/info messages /alarms)	128/256/-
Recipes (no./variables per recipe)	128/256
Macros (no./commands per macro)	1024/16
Auto operations/timers/ equations	32/32/32
Max bargraphs per page (taken together with fields)	34
Project images	BMP, JPEG, TIFF, PSD, WMF, PNG, EPS, etc
Buttons per page	Number of buttons corresponding to the number of Touchscreen cells

Ordering code



1	Type	3	Applications	4	Network Cables	5	Installation Manual	7	Config. Software Language
VT505	Monochrome touch screen, 320 x 240 pixels	NONE	Blank configuration	NONE	No cable supplied	ENG	English	NONE	Multi-language
		Mini8 Controller		F485 ⁽¹⁾	Modbus EIA485	GER	German		
		Configurations		F232	Modbus EIA232	FRA	French		
		EC8	8 loop plastics controller	(1) Modbus EIA485 cable required for use with Mini8		6 Configuration Software			
		EC16	16 loop plastics controller			NONE	No configuration software		
		EC24	24 loop plastics controller			VTWIN	VTWIN configuration software ⁽²⁾		
		EC32	32 loop plastics controller			(2) Config cable supplied with VTWIN software			
		FC8	8 loop 4-20mA OP						
		FC16	16 loop 4-20mA OP						
		FC24	24 loop 4-20mA OP						
		FC32	32 loop 4-20mA OP						

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