

Display	VT505W	VT525W	VT555W	VT560W
Type	Graphic LCD 4 tones of blue STN	Graphic LCD 16 colors STN	Graphic LCD mono STN	Graphic LCD 8 tones of blue/16 colors STN
Touch Screen Matrix (cell dimension in pixels h-v)	20x16 (16x15)		20x8 (12x16)	20x16 (16x15)
Backlighting	CCFL			
Min. lamp life at 25°C (h)	45.000	50.000	15.000	50000
Resolution pixels h-v (inches)	320x240 (5,7")		240x128 (5,5")	320x240 (5,7")
Display area size (mm h-v)	115,17x86,37		123x68	115,17x86,37
Columns by Rows/Character dimensions	Depending on used Font			
Contrast adjustment	Software			
Character set	Programmable fonts/TTF Windows® (also Unicode)			

User memory				
Project (text+graphic) (bytes)	512K	960K	192K + 384K	192K + 832K
Recipes/Alarm buffer (bytes) <sup>1</sup>	16K/- FLASH	32K/8K FLASH	128K/8K RAM	
Memory card for backup/Extension (bytes)				4M

Interfaces				
MSP serial port <sup>2</sup>	RS232/422/485/TTY 20 mA			
ASP serial port <sup>2</sup>	RS232 (8 pin)		RS232/RS485 (15 pin)	
LPT parallel port	-		Centronics	-

Networks				
Integrated (option)	CAN, Profibus-DP, Ethernet		CAN, Profibus-DP	-
Optional <sup>3</sup>	Profibus-DP, Interbus-S, CAN			
ESA-Net (variables)	Client		Server (256), Client	

Dimensions				
External (W x H x D) (mm)	210x158x54			
Cut-out (W x H) (mm)	198x148			

Technical data				
Power supply/Power consumed (24 Vdc)	18...32 Vdc/10 W			
Protection level	IP 65 front			
Operating temperature (°C)	0...+50			
Storage/transport temperature (°C)	-20...+60			
Humidity (non-condensing)	<85%			
Weight (kg)	1,4			
Certificates of approval	CE, cULus			

Main features				
Project Languages	4	6	8	
Password levels/Bit passwords	10/8			
Pages/Fields per page	128/34	150/48	1024/96	1024/112
Format of variables	DEC, HEX, BIN, BCD, ASCII, Floating point			
Dynamic texts/Lists of images	Value depends on dimensions of project memory			
ISA alarms/Info-messages	-/256		1024/1024	
Help messages (pages/info messages/alarms)	128/256/-	150/256/256	1024/1024/1024	
Alarm history buffer	-		256	
Recipes (Number/Variables per recipe)	128/256		1024/256	1024/512
Trends (Memory/Number of samples)	-		512/240	4096/320
Pipelines (Number/Total bytes)	-		64/512	
Macros (Number/Commands per macro)	1024/16			
Print pages (Total/Number of fields per page)	-	64/128	1024/128	
Automatic operations/Timers/Equations	32/32/32			
Max bargraphs per page (taken together with fields)	34	48	96	112
Indicators,potentiometers,selectors per page	-			64
Project images	BMP, JPEG, TIFF, PSD, WMF, PNG, EPS, ETC...			
Buttons per page	Number of buttons corresponding to the number of Touch-Screen cells			
Hardware Clock	-		With battery	

① - Need battery (VT555W)

② - See model for availability: check table of codes on following page

③ - Obtainable using VTPROFI/DP, VTINTERBUS and VTCAN