

Display	VT565W	VT575W	VT580W	VT585W(B)	VT595W
Type	Graphic LCD 8 tones of grey/256 colors STN	Graphic LCD 256 colors STN	Graphic LCD 256 colors TFT	Graphic LCD 256 colors TFT	Graphic LCD 256 colors TFT
Touch Screen Matrix (cell dimension in pixels h-v)	20x16 (16x15)	40x30 (16x16)	50x40 (16x15)	40x30 (16x16)	50x40 (16x15)
Backlighting	CCFL				
Min. lamp life at 25°C (h)	25.000	15.000	50.000	30.000	50.000
Resolution pixels h-v (inches)	320x240 (5,7")	640x480 (7,5")	800x600 (8,4")	640x480 (10,4")	800x600 (12,1")
Display area size (mm h-v)	115,17x86,37	158x118	170,4x127,8	211,2 x 158	246x185
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)	192K + 832K		960K + 6M	
Recipes/Alarm buffer (bytes) <sup>1</sup>	128K/8K RAM		128K/8K FLASH	
Memory card for backup (bytes)	4M		8M	

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

Networks				
Integrated (option)	-		CAN, Profibus-DP, Ethernet	
Optional <sup>3</sup>			Profibus-DP, Interbus-S, CAN	
ESA-Net (variables)	Server (256), Client		Server (512), Client	Server (1024), Client

Dimensions				
External (W x H x D) (mm)	210x158x61,2	245,9x188,6x37,6	336,3x256x44	
Cut-out (W x H) (mm)	198x148	233X176	314X240	

Technical data				
Power supply/Power consumed (24 Vdc)			18...32 Vdc/15 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	1,5	1,9	2,1
Certificates of approval			CE, cULus	

Main features				
Project Languages			8	
Password levels/Bit passwords			10/8	
Pages/Fields per page	1024/112	1024/256	1024/320	1024/400
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	1024/1024			
Help messages (pages/info messages/alarms)	1024/1024/1024			
Alarm history buffer	256			
Recipes (Number/Variables per recipe)	1024/512			
Trends (Memory/Number of samples)	4096/320	6144/480	8192/640	8192/640
Pipelines (Number/Total bytes)	64/512			
Macros (Number/Commands per macro)	1024/16			
Print pages (Total/Number of fields per page)	1024/128			
Automatic operations/Timers/Equations	32/32/32			
Max bargraphs per page (taken together with fields)	112	256	320	400
Indicators,potentiometers,selectors per page	64	128	256	256
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	Supercapacitor 72 hours		

① - Need battery (VT565W)

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

③ - Obtainable using VTPROFI/DP, VTINTERBUS and VTCAN