

Display	VT555W	VT565W	VT585W
Type	Graphic LCD mono STN	Graphic LCD 8 tones of grey/ 256 colors STN	Graphic LCD 256 colors STN/TFT
Touch Screen Matrix (cell dimension in pixels h-v)	20x8 (12x16)	20x16 (16x15)	40x30 (16x16)
Backlighting	CCFL		
Min. lamp life at 25°C (h)	15.000	25.000	STN 25.000, TFT 30.000
Resolution pixels h-v (inches)	240x128 (5,5")	320x240 (5,7")	640x480 (10,4")
Columns by Rows [text]	40x16/20x8/10x4		80x30/40x15/20x7
Display area size (mm h-v)	123x68	115,17x86,37	211,2x158
Text character Matrix (pixels h-v)	6x8/12x16/24x32	8x15/16x30/32x60	8x16/16x32/32x64
Character dimensions (mm h-v)	3x4	2,8x5,2	2,8x5,2
Contrast adjustment	Software		
Character set	Programmable fonts/TTF Windows®		

User memory			
Project (text+graphic) (bytes)	192K + 384K	192K + 832K	640K + 1792K
Recipes/Alarm buffer (bytes) ¹	128K/8K RAM		
Memory card for backup/Expansion (bytes)	-	4M/-	8M/4M (graphic)

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

Networks			
Integrated (option)	CAN, Profibus-DP	-	CAN
Optional ²	Profibus-DP, Interbus-S, CAN		
ESA-Net	Server (256 variables), Client		Server (512 variables), Client

Dimensions			
External (W x H x D) (mm)	210x158x54	210x158x61,2	346x260x74
Cut-out (W x H) (mm)	198x148		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		4
Certificates of approval	CE, cULus		

Main features			
Project Languages	8		
Password levels/Bit passwords	10/8		
Pages/Fields per page	1024/96	1024/112	1024/304
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)	1024/256	1024/512	
Trends (Memory/Number of samples)	512/240	4096/320	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	32		
Timers (Time base 100 ms)	32		
Equations	32		
Max bargraphs per page (taken together with fields)	96	112	304
Indicators,potentiometers,selectors per page	-	64	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		

① - Need battery

② - Obtainable using VTPROFI/DP, VTINTERBUS and VTCAN