

Display	VT505W	VT555W	VT565W	VT585W
Type	Graphic, LCD 4 tones of blue STN	Graphic LCD mono STN	Graphic, LCD mono/256 color STN	Graphic, LCD 256 color STN/TFT
Touch Screen a Matrice	20x16 (16x15 pixels)	20x8 (12x16 pixels)	20x16 (16x15 pixels)	40x30 (16x16 pixels)
Backlighting	CCFL			
Min. lamp life (h)	15.000			
Resolution pixels (inches)	320x240 (5,7")	240x128 (5,5")	320x240 (5,7")	640x480 (10,4")
Rows x Characters	16x40/8x20/4x10			30x80/15x40/7x20
Display area size (mm)	115,2x86,4	123x68	115,6x87	211,2x158
Text characters Matrix (pixel)	8x15/16x30/32x60	6x8/12x16/24x32	8x15/16x30/32x60	8x16/16x32/32x64
Character dimensions (mm)	2,8x5,2	3x4	2,8x5,2	2,7x5,4
Contrast adjustment	Software			
Font set	Programmable fonts/TTF Windows®			

User memory				
Project(text+graphic) (byte)	640K	192K+384K	192K+832K	640K+1792K
Data memory (byte) ¹	16K	128K		128K
Memory card for backup / Expansion	-		4 MB/-	8MB/4MB(graphic)

Interfaces			
MSP serial port (25 pole female)	RS232/422/485/TTY 20 mA		
ASP serial port (15 pole female)	-	RS232/RS485	
LPT parallel port	-	Centronics	

Network			
Integrated(option)	CAN, Profibus-DP	-	CAN
Optional ²	Profibus-DP, Interbus-S, CAN		
ESA-Net	Client	Server, Client	

Dimensions				
External (W x H x D) (mm)	210x158x60	210x158x54	210x158x60	346x260x74
Cut-out (W x H x D) (mm)	198x148			314x260

Technical data			
Power supply/Power consumed (24 Vdc)	18...32Vdc/10W	18...32Vdc/15W	
Protection level	IP 65 front		
Operating temperature	0...+50°C		
Storage/transport temperature	-20...+60°C		
Humidity (non-condensing)	<85%		
Weight (kg)	1,4		4
Certificates of approval	CE, NEMA12, cULus		

Main features				
Project languages	4	8		
Password levels/Bit passwords	10/8 Bit			
Pages/Variables per page	127/24	1024/48	1024/64	1024/256
Format of variables	DEC, HEX, BIN, BCD, ASCII, Floating point			
Dynamic texts/Lists of bitmap images	Value depending on dimensions of project memory			
ISA alarms/Info-messages	-/256	1024/1024		
Help messages (pag./info messages/alarms)	127/256/-	1024/1024/1024		
Alarm event list	-	256		
Recipes (Number/variables per recipe)	128/256	1024/256	1024/512	
Trends (Memory/Number)	-	512/240	4096/320	8192/640
Pipelines (Number/Tot bytes)	-	64/512		
Macros (Number/Commands per macro)	1024/16			
Print pages (Number/Fields per page)	-	1024/128		
Automatic operations	16			
Timers (Time base 100ms)	16			
Equations	32			
Bargraphs per page	24	48	64	256
Indicators,potentiometers,selectors per page	-		64	256
Project images	BMP, JPEG, TIFF, PSD, WMF, PNG, EPS, ECC...			
Keys per page	24	160	160	
Hardware clock	-			
	With battery			

1 With battery

2 Obtainable using VTPROFI/DP, VTINTERBUS and VTCAN