

Display	VT155W	VT505W	VT525W	VT555W
Type	Graphic LCD 4 tones of grey STN	Graphic LCD 4 tones of blue STN	Graphic LCD 16 colors STN	Graphic LCD mono STN
Touch Screen Matrix (cell dimension in pixels h-v)	20x8 (12x16)	20x16 (16x15)		20x8 (12x16)
Backlighting	LED	CCFL		
Min. lamp life at 25°C (h)	-	45.000	25.000	15.000
Resolution pixels h-v (inches)	240x128 (4")	320x240 (5,7")		240x128 (5,5")
Display area size (mm h-v)	94,5x54,5	115,17x86,37		123x68
Columns by Rows/Character dimensions	Depending on used Font			
Contrast adjustment	Software			
Character set	Programmable fonts/TTF Windows®			

User memory	VT155W		VT505W	VT555W
Project (text + graphic) (bytes)	640K		960K	192K + 384K
Recipes/Alarm buffer (bytes) ¹	16K/8K FLASH	16K/- FLASH	32K/8K FLASH	128K/8K RAM
Memory card for backup/Extension (bytes)	-			

Interfaces	VT155W			VT505W	VT555W
MSP serial port ²	RS232/422/485/TTY 20 mA				
ASP serial port ²	RS232 (8 pin)			RS232/RS485 (15 pin)	
LPT parallel port	-			Centronics	

Networks	VT155W		VT505W	VT555W
Integrated (option)	CAN, Profibus-DP	CAN, Profibus-DP, Ethernet	Ethernet	CAN, Profibus-DP
Optional ³	Profibus-DP, Interbus-S, CAN			
ESA-Net (variables)	Client			Server (256), Client

Dimensions	VT155W		VT505W	VT555W
External (W x H x D) (mm)	166x100x39,6		210x158x54	
Cut-out (W x H) (mm)	157x91		198x148	

Technical data	VT155W		VT505W	VT555W
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)	0,5			1,4
Certificates of approval	CE, cULus			

Main features	VT155W		VT505W	VT555W
Project Languages	4		6	8
Password levels/Bit passwords	10/8			
Pages/Fields per page	64/32	128/34	150/48	1024/96
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	256/256	-/256	256/256	1024/1024
Help messages (pages/info messages/alarms)	64/256/256	128/256/-	150/256/256	1024/1024/1024
Alarm history buffer	220	-	220	256
Recipes (Number/Variables per recipe)	128/256		1024/256	
Trends (Memory/Number of samples)	-		512/240	
Pipelines (Number/Total bytes)	-		64/512	
Macros (Number/Commands per macro)	1024/16			
Print pages (Total/Number of fields per page)	64/128	-	64/128	1024/128
Automatic operations/Timers/Equations	32/32/32			
Max bargraphs per page (taken together with fields)	32	34	48	96
Indicators, potentiometers, selectors per page	-			
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	Supercapacitor 72 hours	-	Supercapacitor 72 hours	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