

Display	VT505W	VT515W	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	50.000
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) ¹	16K/- FLASH	16K/8K FLASH	32K/8K FLASH	128K/8K RAM	
Memory card for backup/Extension (bytes)					4M

Interfaces					
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					
Integrated (option)	CAN, Profibus-DP, Ethernet			CAN, Profibus-DP	-
Optional ³	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	256/256		1024/1024	
Help messages (pages/info messages/alarms)	128/256/-	128/256/256	150/256/256	1024/1024/1024	
Alarm history buffer	-	220		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	-	Supercapacitor 72 hours		With battery	

① - Need battery (VT555W/VT560W)

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

③ - Obtainable using VTPROFI/DP, VTINTERBUS and VTCAN

Touch screen terminals



VT555W
Monochrome STN LCD
240 x 128 (5,5")



VT515W
4 Tones of blue STN LCD
320 x 240 (5,7")



VT560W
8 Tones of blue/
16-Color STN LCD
320 x 240 (5,7")



VT525W
16-Color STN LCD
320 x 240 (5,7")



VT505W
4 Tones of blue STN LCD
320 x 240 (5,7")

Main characteristics (model dependant):

- High value solution for many applications
- Alarms, passwords, recipes
- Use of Windows® fonts
- Importation of graphic images in any format
- Moving graphic objects
- Two drivers run simultaneously
- Double driver moves data between two devices
- Serial or parallel printing
- Integrated Profibus-DP and CAN
- Integrated Ethernet 10/100

Touch Terminals codes and descriptions

VT505W 0000 ¹	Interfaces: MSP - Project: 512 KB - Recipes: 16 KB
VT505W 000CN ¹	Interfaces: MSP*, CAN network - Project: 512 KB - Recipes: 16 KB
VT505W 000DP ¹	Interfaces: MSP*, Profibus-DP network - Project: 512 KB - Recipes: 16 KB
VT505W 000ET ¹	Interfaces: ASP8*, Ethernet network - Project: 512 KB - Recipes: 16 KB
VT515W 00000	Interfaces: MSP - Project: 512 KB - Recipes: 16 KB
VT515W 000CN	Interfaces: MSP*, CAN network - Project: 512 KB - Recipes: 16 KB
VT515W 000DP	Interfaces: MSP*, Profibus-DP network - Project: 512 KB - Recipes: 16 KB
VT515W 000ET	Interfaces: ASP8*, Ethernet network - Project: 512 KB - Recipes: 16 KB
VT525W 0000 ¹	Interfaces: MSP, ASP8 - Project: 960 KB - Recipes: 32 KB
VT525W 000ET ¹	Interfaces: ASP8, Ethernet network - Project: 960 KB - Recipes: 32 KB
VT525W 000CN ¹	Interfaces: ASP8, CAN network - Project: 960 KB - Recipes: 32 KB
VT525W 000DP	Interfaces: ASP8, Profibus-DP network - Project: 960 KB - Recipes: 32 KB
VT555W A0000	Interfaces: MSP, ASP - Project: 512 KB - Recipes: 128 KB
VT555W AP000	Interfaces: MSP, ASP, LPT - Project: 512 KB - Recipes: 128 KB
VT555W AP0DP	Interfaces: MSP, LPT, Profibus-DP network - Project: 512 KB - Recipes: 128 KB
VT555W 000CN	Interfaces: MSP, CAN network - Project: 512 KB - Recipes: 128 KB
VT560W A0000	Interfaces: MSP, ASP - Project: 1 MB - Recipes: 128 KB (Color)
VT560W A0M00	Interfaces: MSP, ASP - Project: 1 MB - Recipes: 128 KB (Tones of blue)
① - Models without ESA Logo are available - * Solo per programmazione	

Accessories codes and descriptions

VTBUTTONCELL	Lithium 3V cell battery CR2032 for maintaining recipes and clock (VT555W/VT560W)
PROTFILM6	Transparent adhesive protective foils for 6", 7", 8" Touch Screen (5 pieces)