

Display	VT155W	VT185W
Type	Graphic LCD 4 tones of grey STN	Graphic LCD 16 colors TFT
Touch Screen Matrix (cell dimension in pixels h-v)	20x8 (12x16)	20x16 (16x15)
Backlighting	LED	
Min. lamp life at 25°C (h)	-	
Resolution pixels h-v (inches)	240x128 (4")	320x240 (3,6")
Display area size (mm h-v)	94,5x54,5	75,5x57,3
Columns by Rows/Character dimensions	Depending on used Font	
Contrast adjustment	Software	
Character set	Programmable fonts/TTF Windows® (also Unicode)	

User memory	VT155W	VT185W
Project (text+graphic) (bytes)	640K	960K
Recipes/Alarm buffer (bytes)	16K/8K FLASH	32K/8K FLASH
Memory card for backup/Extension (bytes)	-	

Interfaces	VT155W	VT185W
MSP serial port ¹	RS232/422/485/TTY 20 mA	
ASP serial port ¹	RS232 (8 pin)	
LPT parallel port	-	

Networks	VT155W	VT185W
Integrated (option)	CAN, Profibus-DP, Ethernet	
Optional ²	Profibus-DP, Interbus-S, CAN	
ESA-Net (variables)	Client	

Dimensions	VT155W	VT185W
External (W x H x D) (mm)	166x100x39,6	
Cut-out (W x H) (mm)	157x91	

Technical data	VT155W	VT185W
Power supply/Power consumed (24 Vdc)	18...32 Vdc/10 W	
Protection level	IP 66 front	
Operating temperature (°C)	0...+50	
Storage/transport temperature (°C)	-20...+60	
Humidity (non-condensing)	<85%	
Weight (kg)	0,5	
Certificates of approval	CE, cULus	

Main features	VT155W	VT185W
Project Languages	4	6
Password levels/Bit passwords	10/8	
Pages/Fields per page	64/32	150/48
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
Help messages (pages/info messages/alarms)	64/256/256	150/256/256
Alarm history buffer	220	256
Recipes (Number/Variables per recipe)	128/256	
Trends (Memory/Number of samples)	-	6144/320
Pipelines (Number/Total bytes)	-	
Macros (Number/Commands per macro)	1024/16	
Print pages (Total/Number of fields per page)	64/128	
Automatic operations/Timers/Equations	32/32/32	
Max bargraphs per page (taken together with fields)	32	48
Indicators,potentiometers,selectors per page	-	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	Supercapacitor 72 hours	

① - See model for availability: check table of codes on following page

② - Obtainable using VTPROFI/DP, VTINTERBUS and VTCAN

Touch screen terminals



VT155W
4 Tones of gray STN LCD
240 x 128 (4")

VT185W
LCD 16-Colors TFT
320 x 240 (3,6")



- Main characteristics (model dependant):
- High value solution for many applications
 - Can be mounted either horizontally or vertically
 - Alarms, passwords, recipes
 - Use of Windows® fonts
 - Importation of graphic images in any format
 - Moving graphic objects
 - Serial printing
 - Integrated Profibus-DP and CAN
 - Integrated Ethernet 10/100

Touch Terminals codes and descriptions

VT155W 00000 ¹	Interfaces: MSP, ASP8 - Project: 640 KB - Recipes: 16 KB
VT155W 000CN ¹	Interfaces: ASP8, CAN network - Project: 640 KB - Recipes: 16 KB
VT155W 000DP ¹	Interfaces: ASP8, Profibus-DP network - Project: 640 KB - Recipes: 16 KB
VT155W 000ET ¹	Interfaces: ASP8, Ethernet network - Project: 640 KB - Recipes: 16 KB
VT185W 00000	Interfaces: MSP, ASP8 - Project: 960 KB - Recipes: 32 KB
VT185W 000ET	Interfaces: ASP8, Ethernet network - Project: 960 KB - Recipes: 32 KB
① - Models without ESA Logo are available	

Accessories codes and descriptions

PROTFILM4	Transparent adhesive protective foils for 4" Touch Screen (5 pieces)
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