

Display	VT565W	VT575W	VT580W	VT585W(B)	VT595W
Type	Graphic LCD 8 tones of grey/256 colors STN	Graphic LCD 256 colors STN	Graphic LCD 256 colors TFT	Graphic LCD 256 colors TFT	Graphic LCD 256 colors TFT
Touch Screen Matrix (cell dimension in pixels h-v)	20x16 (16x15)	40x30 (16x16)	50x40 (16x15)	40x30 (16x16)	50x40 (16x15)
Backlighting	CCFL				
Min. lamp life at 25°C (h)	50.000	20.000	50.000	30.000	50.000
Resolution pixels h-v (inches)	320x240 (5,7")	640x480 (7,5")	800x600 (8,4")	640x480 (10,4")	800x600 (12,1")
Display area size (mm h-v)	115,17x86,37	158x118	170,4x127,8	211,2 x 158	246x185
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)	192K + 832K	960K + 6M
Recipes/Alarm buffer (bytes) ¹	128K/8K RAM	128K/8K FLASH
Memory card for backup (bytes)	4M	8M

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

Networks			
Integrated (option)	-	CAN, Profibus-DP, Ethernet	
Optional ³	Profibus-DP, Interbus-S, CAN		
ESA-Net (variables)	Server (256), Client	Server (512), Client	Server (1024), Client

Dimensions			
External (W x H x D) (mm)	210x158x61,2	245,9x188,6x37,6	336,3x256x44
Cut-out (W x H) (mm)	198x148	233X176	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	1,5	1,9	2,1
Certificates of approval	CE, cULus			

Main features				
Project Languages	8			
Password levels/Bit passwords	10/8			
Pages/Fields per page	1024/112	1024/256	1024/320	1024/400
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)	1024/512			
Trends (Memory/Number of samples)	4096/320	6144/480	8192/640	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/Timers/Equations	32/32/32			
Max bargraphs per page (taken together with fields)	112	256	320	400
Indicators,potentiometers,selectors per page	64	128	256	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	Supercapacitor 72 hours		

① - Need battery (VT565W)

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

③ - Obtainable using VTPROFI/DP, VTINTERBUS and VTCAN

High Performance Touch screen terminals



VT575W
256-Color STN LCD
640 x 480 (7,5")



VT580W
256-Color TFT LCD
800 x 600 (8,4")



VT585W(B)
256-Color TFT LCD
640 x 480 (10,4")



VT565W
8 Tones of gray/256-Color STN LCD
320 x 240 (5,7")



VT595W
256-Color TFT LCD
800 x 600 (12,1")

Main characteristics (model dependant):

- High resolution graphic displays
- 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
- Parallel printing
- Integrated Profibus-DP and CAN
- Integrated Ethernet 10/100

Touch Terminals codes and descriptions

VT565W A0000	Interfaces: MSP, ASP - Project: 1 MB - Recipes: 128 KB (Color)
VT565W AP000	Interfaces: MSP, ASP, LPT - Project: 1 MB - Recipes: 128 KB (Color)
VT565W A0M00	Interfaces: MSP, ASP - Project: 1 MB - Recipes: 128 KB (Tones of gray)
VT565W APM00	Interfaces: MSP, ASP, LPT - Project: 1 MB - Recipes: 128 KB (Tones of gray)
VT575W APS00	Interfaces: MSP, ASP, LPT - Project: 7 MB - Recipes: 128 KB
VT575W OPSCN	Interfaces: MSP, LPT CAN network - Project: 7 MB - Recipes: 128 KB
VT575W OPSDP	Interfaces: MSP, LPT Profibus-DP network - Project: 7 MB - Recipes: 128 KB
VT575W OPSET	Interfaces: MSP, ASP, LPT Ethernet network - Project: 7 MB - Recipes: 128 KB
VT585W BPT00	Interfaces: MSP, ASP, LPT - Project: 7 MB - Recipes: 128 KB
VT585W BPTCN	Interfaces: MSP, LPT CAN network - Project: 7 MB - Recipes: 128 KB
VT585W BPTDP	Interfaces: MSP, LPT Profibus-DP network - Project: 7 MB - Recipes: 128 KB
VT585W BPTET	Interfaces: MSP, LPT, Ethernet network - Project: 7 MB - Recipes: 128 KB
VT580W APT00	Interfaces: MSP, ASP, LPT - Project: 7 MB - Recipes: 128 KB
VT580W OPTCN	Interfaces: MSP, LPT CAN network - Project: 7 MB - Recipes: 128 KB
VT580W OPTDP	Interfaces: MSP, LPT Profibus-DP network - Project: 7 MB - Recipes: 128 KB
VT580W OPTET	Interfaces: MSP, LPT Ethernet network - Project: 7 MB - Recipes: 128 KB
VT595W APT00	Interfaces: MSP, ASP, LPT - Project: 7 MB - Recipes: 128 KB
VT595W OPTCN	Interfaces: MSP, LPT CAN network - Project: 7 MB - Recipes: 128 KB
VT595W OPTDP	Interfaces: MSP, LPT Profibus-DP network - Project: 7 MB - Recipes: 128 KB
VT595W OPTET	Interfaces: MSP, LPT, Ethernet network - Project: 7 MB - Recipes: 128 KB

Accessories codes and descriptions

VTBUTTONCELL	Lithium 3V cell battery CR2032 for maintaining recipes and clock (VT565W)
FLASH MODULO 04	4 MB flash module for backup (VT565W)
FLASH MODULO 08	8 MB flash module for backup (VT575W, VT580W, VT585WB, VT595W)
PROTFILM6	Transparent adhesive protective foils for 6", 7", 8" Touch Screen (5 pieces)
PROTFILM10	Transparent adhesive protective foils for 10" Touch Screen (5 pieces)
PROTFILM12	Transparent adhesive protective foils for 12" Touch Screen (5 pieces)