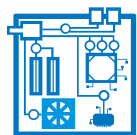


INVT HMI VS series



Product features



Powerful core

- Carry high-performance industrial Cortex-A8 processor, main frequency can be up to 600MHz
- Improve data processing efficiency greatly



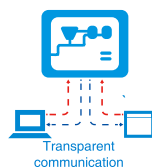
Diversified communication

- Built-in COM port is integrated with RS232/422/485 communication modes
- Support industrial Ethernet communication, realize data exchange among multiple devices via built-in 10M/100M self-adaptive network card
- Support free port communication protocol



Convenient networking

- Abundant built-in vectorgram library
- Support customized vectorgram
- Provide standard outline for common vectorgram
- Support macro instruction programming, C language script
- Support U-disk update and data import /export



Featured functions

- PC can communicate with PLC directly via HMI
- Support two HMIs to communicate simultaneously with one PLC
- Online simulation function, PC can be connected to PLC directly to simulate configuration project
- Alarm record memory can be expanded



Language font

- Support five languages
- Support TRUE TYPE (TTF) font
- Support complicated font edit
- Unicode coding, international standard

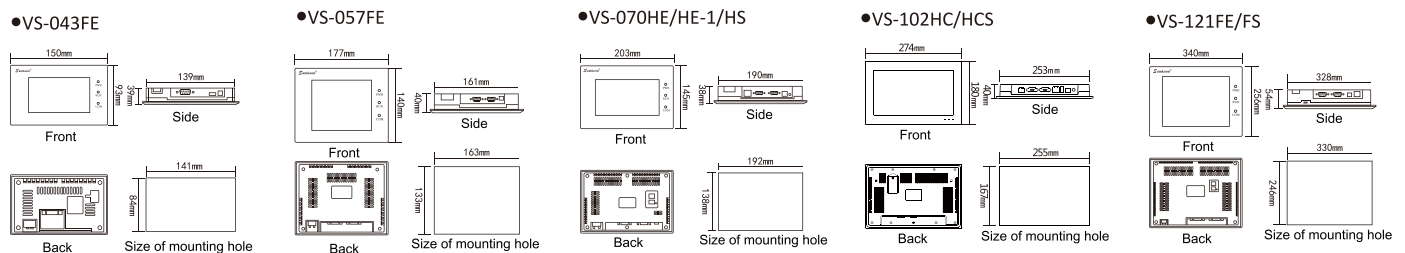


Safe and reliable

- Industry-level design enables stable operation
- High-capacity FLASH, power-off memory, support U-disk storage
- New password system which is safer and more reliable



Model	VS-043FE	VS-057FE	VS-070HE VS-070HE-1	VS-070HS	VS-102HC	VS-102HCS	VS-121FE	VS-121FS	
Display									
Display size	4.3"	5.7"	7"		10.2"		12.1"		
Resolution	480×272	640×480	800×480		1024×600		800×600		
Display color	Up to 260,000 colors								
Brightness	400	400	450		500		500		
Contrast	400:1	400:1	400:1		500:1		450:1		
Backlight type	LED								
Backlight life	Above 20,000 h (working continuously in 25°C-brightness drops by half)								
Touch panel type	Four-line resistive type								
Precision of touch panel	≤1.5%								
Processor and storage									
Processor	Cortex-A8 600MHz								
Internal storage	128M								
Internal storage	128M								
Communication interface									
USB	USB Host : USB2.0*1 / USB Client : USB2.0*1								
Serial interface	COM:RS232/422/485		COM1:RS232/422/485 / COM2:RS232/422/485						Note: VS-070HE-1 has only one COM port
Ethernet interface	Null	Null	Null	10/100BASE-T*1	Null	10/100BASE-T*1	Null	10/100BASE-T*1	
SD card slot	Null								
Printing interface	COM								
Electrical specification									
Input power	24VDC(±15%)								
Power consumption	3W	4W	6W		6W		8W		
Voltage withstand	500V DC (1 min)								
Electrostatic level	Level 3±6kV	Level 3±6kV	Level 4±8kV		Level 4±8kV		Level 4±8kV		
Quakeproof degree	10 ~ 25Hz (XYZ direction 2G/30 min)								
Operating environment									
Storage temp.	-20 ~ 65°C								
Storage RH	10 ~ 90%RH (no condensation)								
Working temp.	-20 ~ 65°C (no condensation)								
Working RH	10 ~ 90%RH								
Protection class	IP65 (front panel)								
Certification									
	Conform to EN55022 and EN55024 standards								
CE certification	Conform to EN55022 and EN55024 standards								
FCC compatibility	Conform to FCC, Class A								
Dimension and weight									
Outline size	150×93×39	177×140×40	205×145×40		274×180×40		340×256×54		
Hole size	141×84	163×133	192×138		255×167		330×246		
Weight	0.27Kg	0.51Kg	0.78Kg		1.05Kg		2.16Kg		



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