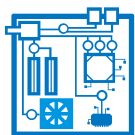


INVT HMI VS series



Product features



Powerful core

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



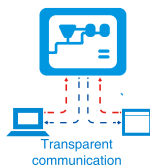
Diversified communication

- 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

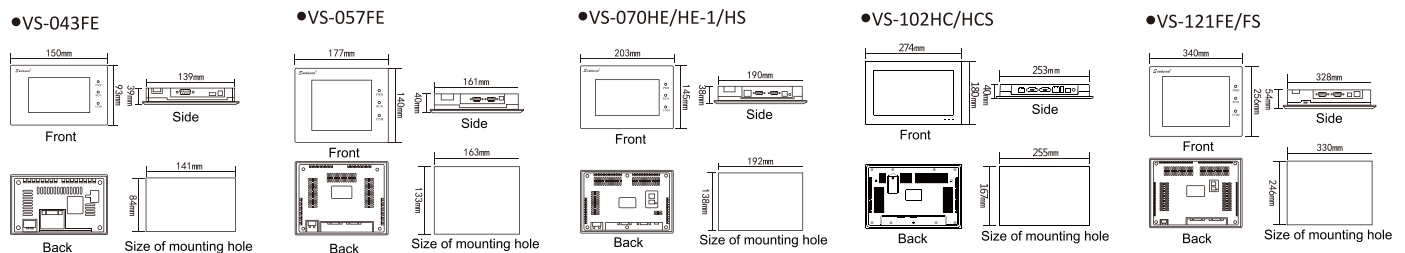


Safe and reliable

- 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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