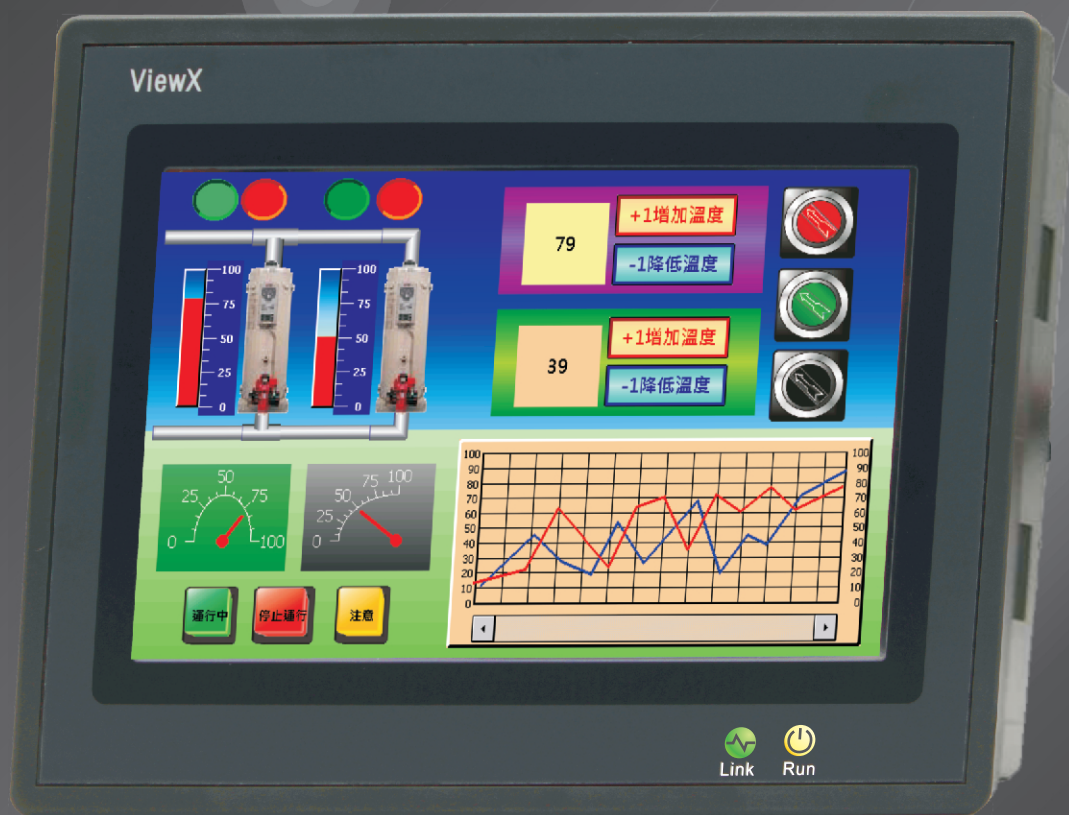


ViewX

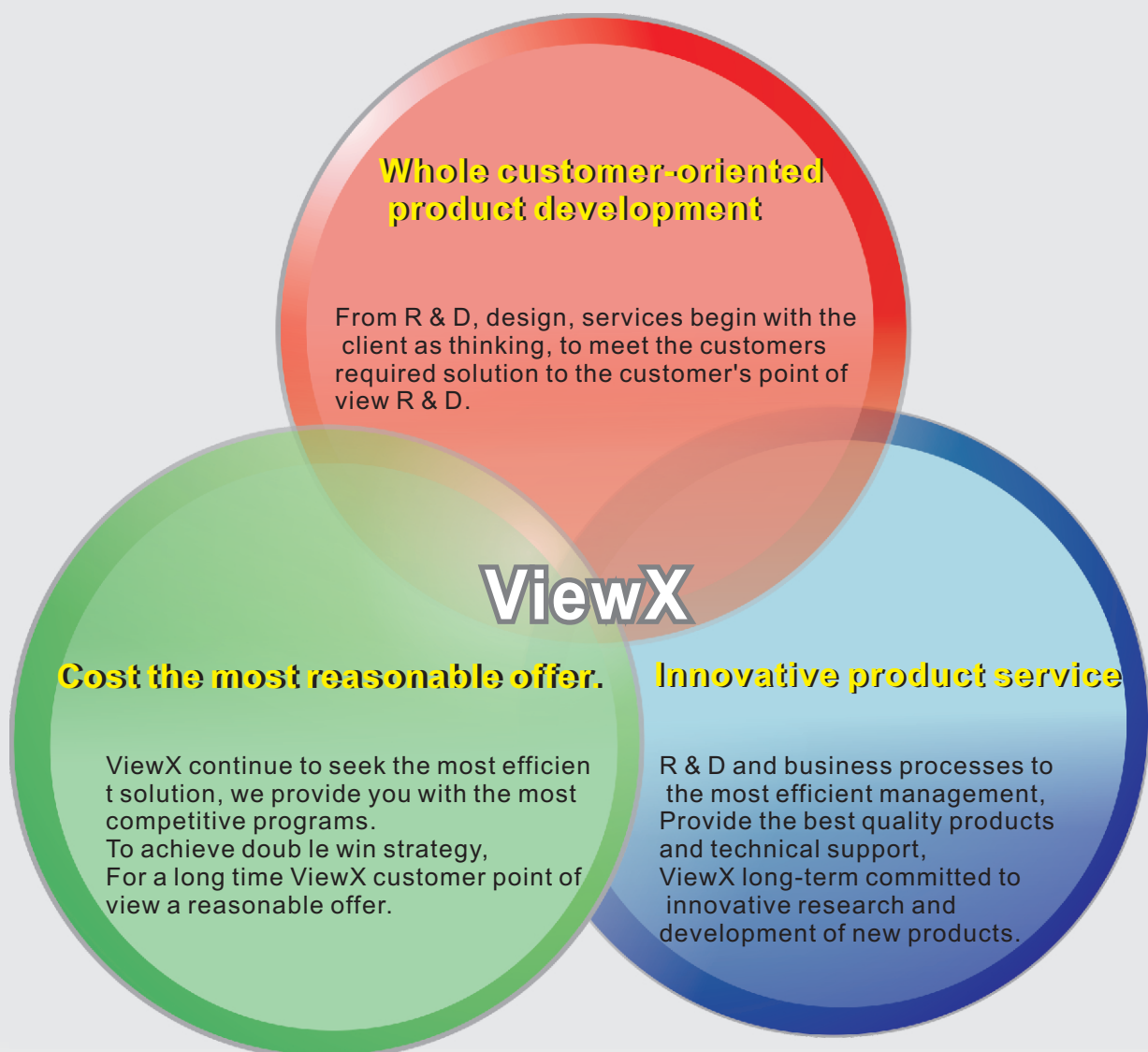


Human Machine Interface

ViewX

Human Machine Interface

Deserving you trusted brand



Disk



Link



Run

ViewX HMI Product advantages

View HMI Product advantage Humanity and High efficiency

View X Focus on developing HMI and Text display, Provided Industrial production operation control machine interface system, and more effectively troubleshooting. The Company philosophy maintain the development and product suitability, make sure the people and mechanical to communicate more easily. View X offers a variety of sizes and color touch products and the most economical price.

High-performance planning software

View X design and development all series of touch product are intuitive planning software. Planning, Programming, Making, Using, Simulation, Component edit, Picture, Stereoscopic graph, Reporting system, Display system, Multilingual, Macro instruction, Functional, Trend analysis, Password, Alarm.. etc, direct simulation HMI action process and download to use HMI. Make full use of different situations.

Customized products

Different industries different needs, please let us know your needs. Different sizes HMI and related control products, we strive for your identity, and satisfy the needs of customer's. We proficient in hardware and software design with the label requirements to provide OEM/ODM.



Easy to use software

View X appliance program similar to your text editors not only easy to use charting, histogram and various button to display but also saving time adaptation studies.



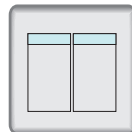
Direct menu

Easily to use editing tools when open the file. Using application software editor can be more attentive to the HMI, setting parameters for free and no complex logic.



Colorful and clearly

Display color black 16K, contrast strengthen, color 65K, bright, backlight CCFL or LED, longer life and more efficient.



The vertical flip edit and use

Based on actual demand and software design, the vertical editing screen and more convenient operation.



Transmit data more flexible when using the USB interface.

Download data, update screen, update file, output screen, management formula, historical data management, through the USB cable and link to an HMI or more HMI. Substantially shorten the transmission time and simplify the operation process.



The rich color control, flashes, picture animation....etc.

Photo editing, Text color, Graphic beautification etc... Join the design concept. The most efficient and beautiful editing software.



The various model of automatic conversion.

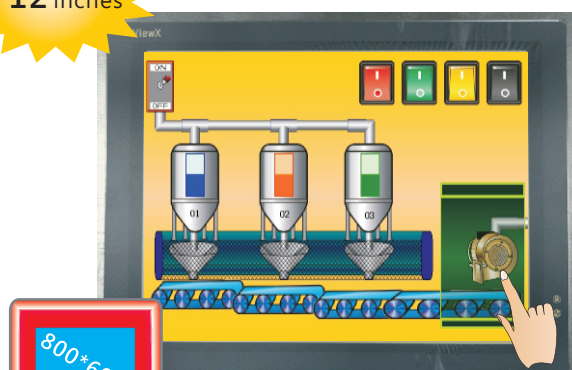
Automatic converted to reduce editing time and high compatibility.

ViewX

Models of complete high-efficiency, high stability

ViewX HMI Flagship

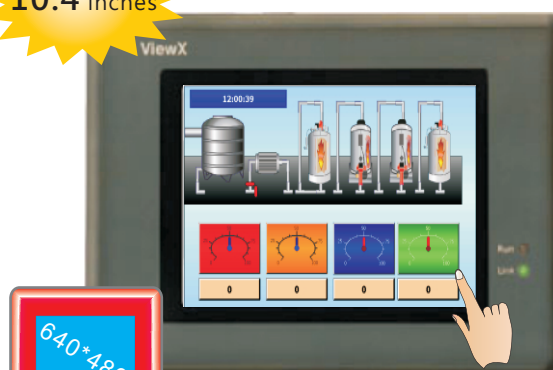
12 inches



800*600
Screen pixels

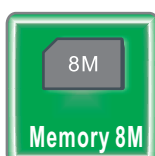
VX1200T

10.4 inches



640*480
Screen pixels

VX1000T

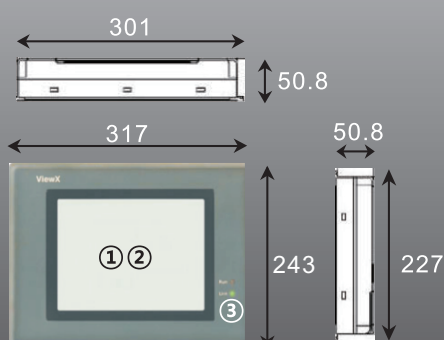


Extendible

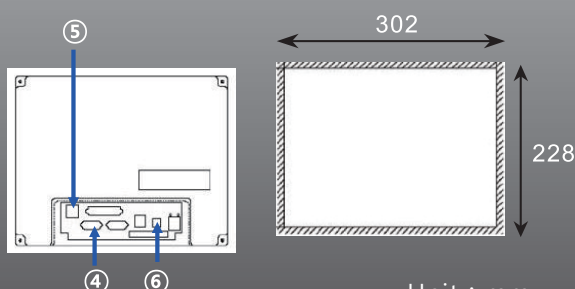


Opening Dimensions Model : VX1200T 、 VX1000T

▼ Outside dimension/Interface ▼



▼ Panel Opening Dimensions ▼



Unit : mm

Components name

- ① Display
- ② Touchpad
- ③ Run :
The red light indicates STOP and program download pending.
Blinking green light indicates normal operation
- ④ Link : Connection signal lights
COM1 : RS232/RS422/RS485
COM2 : RS232/RS422/RS485
- ⑤ Power Input Terminal
- ⑥ USB Device

Quality type

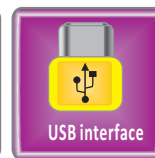
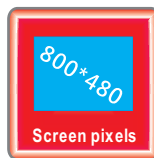
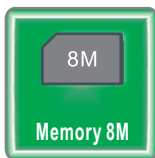
7 Inches



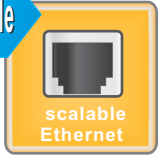
VX760T

Price plain · Flagship specifications

VX760T, 32 Bits RISC, Screen pixels 800*480, color 65K, Backlight LED, Screen Contrast Ratio 400:1, Brightness, 300cd/m², USB device, internet,



Extendible



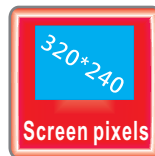
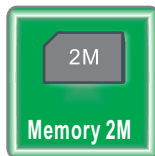
5.7 Inches



VX501

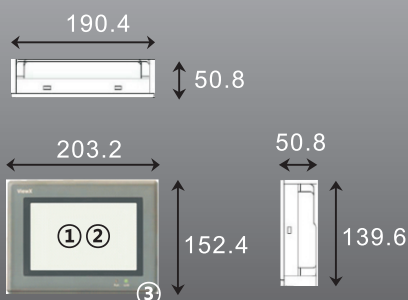
Simple model · Black 16K HMI

VX501, Black 16K, 32 Bits RISC, Display Size 5.7 inches, Screen pixels 320*240, Memory 2M, Power Consumption below 8W,

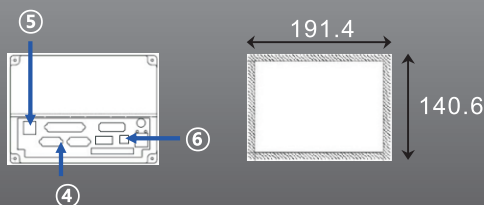


Opening Dimensions Model : VX760T · VX501

▼ Outside dimension/Interface ▼



▼ Panel Opening Dimensions ▼



Unit : mm

Components name

- ① Display
- ② Touchpad
- ③ Run :
The red light indicates STOP and program download pending.
Blinking green light indicates normal operation
- ④ COM1/COM2 Communication port
COM1 : RS232/RS422/RS485
COM2 : RS232/RS422/RS485
- ⑤ Power Input Terminal
- ⑥ USB Device

HMI Boutique Model

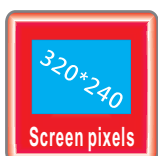
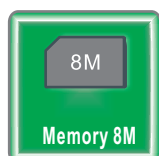
3.5Inches



VX360T

Screen co-ordination · High Color Selection

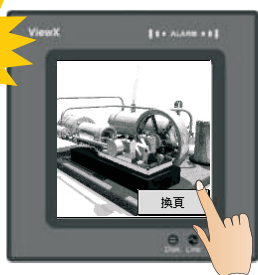
VX360T for VX301 Advanced products
With high-speed 32Bit Cpu,
Add Memory 8M, Display Size 3.5inches,
Screen pixels 320*240, Color 65K, Backlight LED
The openings size and VX301C of same
Graphics display for better,
Higher picture quality to meet the high quality designers



Extendable



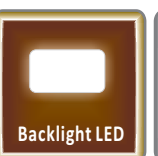
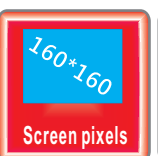
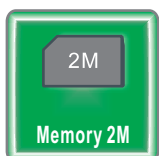
3.3Inches



VX301C

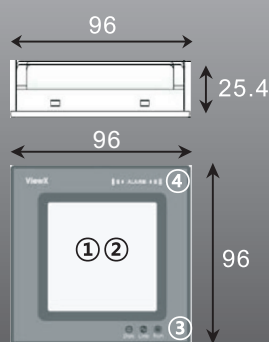
Well worth it's value · Compact implementation

Vx301 for ViewX product line developed by the
most ingenious product, With high-speed 32Bit CUP,
Fine with memory 2M, Display Size 3.3inches,
Screen pixels 160*160,
16 grayscale FSTN with white LED backlight, ,
For the industry's most practical and compact HMI,
To use ViewX the application software to operate the editing
With the industry in all of the PLC and controller,
At present the industry's most widely used, the price is the most easily

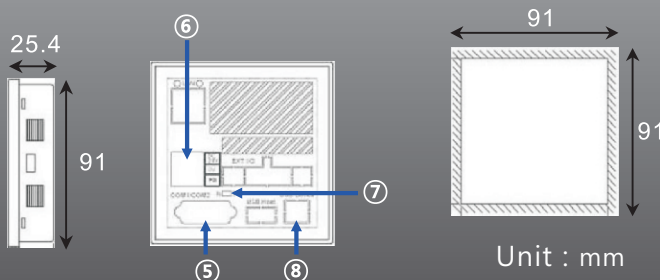


Opening Dimensions Model : VX360T · VX301C

▼ Outside dimension/Interface ▼



▼ Panel Opening Dimensions ▼



Unit : mm

Components name

- ① Display
- ② Touchpad
- ③ Run :
The red light indicates STOP and program download pending.
Blinking green light indicates normal operation
Link : Connection indicator
Disk : Memory Access
- ④ ALARM : Indicator
- ⑤ COM1/COM2 Communication port
COM1 : RS232
COM2 : RS422/RS485
- ⑥ Power Input Terminal
- ⑦ terminal resistance(120Ω)switch
T : Add to termination resistors
N : Remove the terminating resistor
EXT I/O
- ⑧ USB Device (VX360T)

ViewX text display

Low cost/ high value-added

32 Bits RISC, high value-added HMI, substance display interface, when upload the PC, significantly reduce editing time. ViewX T300 supports graph, Multi-lingual, scale display, form, picture animation, button, state value, lights management, numerical computation, histogram display, floating-point display/editor, alarm Display, control button to display, film keys, digital keys, control keys, custom function keys. X Builder appliance program, to content PLC control system and other sensor system.



Same screen and Multi-lingual
Multinational personnel to operate



High efficiency and easy to operate
Using the computer program to read numeric value.



Eight Function keys
Definition of Function keys by yourself.



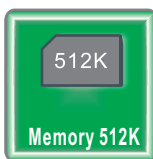
Picture animation of text flashing
Text becomes dynamic, picture becomes interesting.



Fully functional xBuilder Editing software
Two kinds of analog :
Online simulation and offline simulation.

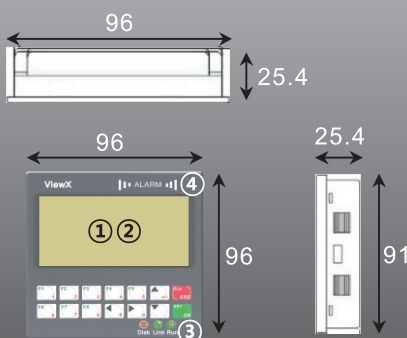


Support for Windows to provide fonts
Set up different font size scaling.

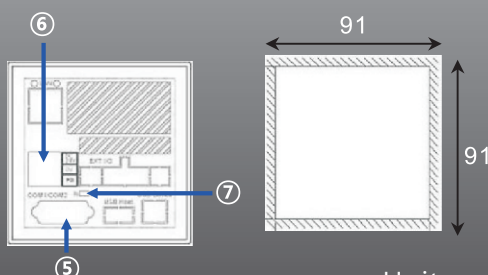


Opening Dimensions Model : T300

▼ Outside dimension/Interface ▼



▼ PanelOpening Dimensions ▼

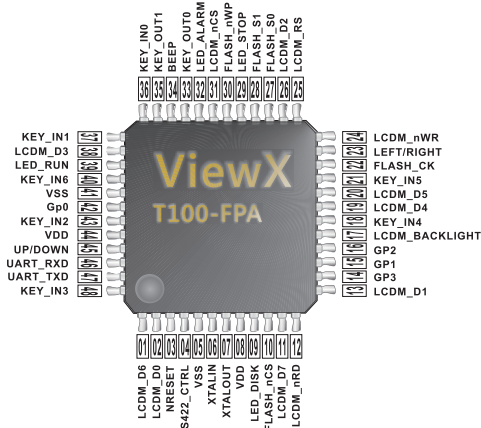


Unit : mm

Components name

- ① Display
- ② Touchpad
- ③ Run :
The red light indicates STOP and program download pending. Blinking green light indicates normal operation
- Link : Connection indicator
- Disk : Memory Access
- ④ ALARM : Indicator
- ⑤ COM1 : Communication port
COM2 : RS232/RS422/RS485
- ⑥ Power Input Terminal
- ⑦ terminal resistance(120Ω)switch
T : Add to termination resistors
N : Remove the terminating resistor
EXT I/O

ViewX Module



T100-FPA

Meet the needs of design

Correspond to editing software of VX design.
Different environments of design situation.
As an best solution of the industrial
computer by VX-HMI chips.

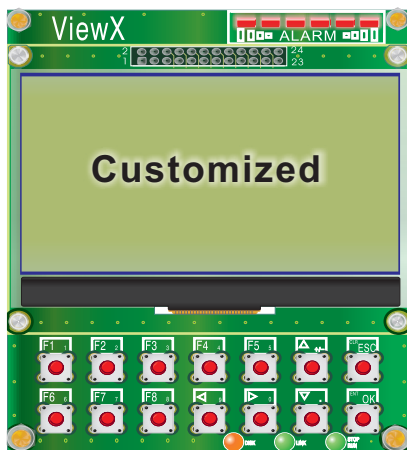
Pin Description

Signal	Pin	In/Out	Description
Power/XTAL/Reset			
XTALOUT	7	AO	Output from the oscillator amplifier.
XTALIN	6	AI	Input to the oscillator circuit and internal clock generator circuits.
NRESET	3	In	External reset input with 20 ns glitch filter. A LOW-going pulse as short as 50 ns on this pin resets the device.
VDD	8,44	P	3.3 V supply voltage.
VSS	5,41	P	Ground.
Flash			
FLASH_nCS	10	Out	Chip select for serial FLASH.
FLASH_CK	22	Out	Serial clock for serial FLASH.
FLASH_SI	28	In	Serial Data Input for serial FLASH.
FLASH_SO	27	Out	Serial Data Output for serial FLASH.
FLASH_nWP	30	Out	Write protect for serial FLASH.
UART			
UART_RXD	46	In	Receiver input for UART.
UART_TXD	47	Out	Transmitter output for UART.

Signal	Pin	In/Out	Description
LCDM			
LCDM_D0	2	In/Out	Bi-directional data bus
LCDM_D1	13	In/Out	
LCDM_D2	26	In/Out	
LCDM_D3	38	In/Out	
LCDM_D4	19	In/Out	
LCDM_D5	20	In/Out	
LCDM_D6	1	In/Out	
LCDM_D7	11	In/Out	
LCDM_nRD	12	Out	Read signal input, active at low
LCDM_nWR	24	Out	Write signal input, active at Low
LCDM_RS	25	Out	0: Indicates this D0-D7 are control data 1: Indicates this D0-D7 are display data
LCDM_nCS	31	Out	Chip select for LCDM
LCDM_BACKLIGHT	17	Out	Backlight PWM signal
LCDM_nRIGHT	23	In	Horizontal display mode select signal
UP_nDOWN	45	In	Vertical display mode select signal
Keyboard			
KEY_OUT0	33	Out	Scanning keyboard, output 0
KEY_OUT1	35	Out	Scanning keyboard, output 1
KEY_IN0	36	In	Scanning keyboard, input 0
KEY_IN1	37	In	Scanning keyboard, input 1
KEY_IN2	43	In	Scanning keyboard, input 2
KEY_IN3	48	In	Scanning keyboard, input 3
KEY_IN4	18	In	Scanning keyboard, input 4
KEY_IN5	21	In	Scanning keyboard, input 5
KEY_IN6	40	In	Scanning keyboard, input 6
LED			
LED_RUN	39	Out	Run mode: Run LED is glint. Stop mode: Stop LED is glint.
LED_STOP	29	Out	Stop mode: Stop LED is glint. Sleep mode: the Run LED and the STOP LED will glint.
LED_DISK	9	Out	Disk LED signal
LED_ALARM	32	Out	Alarm LED signal.
Aux			
BEEP	34	Out	Buzzer signal
RS422_SG	4	Out	RS422 control signal.
Gp0	42	In	General purpose digital input pin.
Gp1	15	In	General purpose digital input pin.
Gp2	16	In	General purpose digital input pin.

Programmable operation panel display module

Comply with the design editing software,
in the design process with the customer needs
work module to change the HMI size equipment.
To solve the opening problem and display module,
sing the HMI programmable operation panel display
module to avoid openings and monitor position of distress.
And discounted prices to meet the design solution.



POM1286A

Connector

Pin NO.	Symbol	Description
1	VDD(+5)	Supply voltage
2	UART_RXD	Receiver input for UART.
3	UART_TXD	Transmitter output for UART.
4	VSS(GND)	Ground
5	nRESET	External reset signal.
6	BEEP	Buzzer signal
7	RS422_SG	RS422 control signal
8	LED_ALARM	Alarm LED signal.
9	LED_DISK	Disk LED signal
10	LED_RUN	Run LED signal
11	LED_STOP	Stop LED signal
12	KEY_IN0	Scanning keyboard, input 0
13	KEY_IN1	Scanning keyboard, input 1
14	KEY_IN2	Scanning keyboard, input 2
15	KEY_IN3	Scanning keyboard, input 3
16	KEY_IN4	Scanning keyboard, input 4
17	KEY_IN5	Scanning keyboard, input 5
18	KEY_IN6	Scanning keyboard, input 6
19	KEY_OUT0	Scanning keyboard, output 0
20	KEY_OUT1	Scanning keyboard, output 1
21	GP0	Reserved for customization
22	GP1	Reserved for customization
23	GP2	Reserved for customization
24	GP3	Reserved for customization

Mechanical Data

Item	Standard Value	Unit
Module dimension	80.0x66.0	mm
Viewing area	70.7x38.8	mm
Mounting hole	74.0x60.0	mm
Dot size	0.48x0.48	mm
Dot Pitch	0.52x0.52	mm

Absolute Maximum Rating

Item	Symbol	Standard			Unit
		min.	typ.	max	
Power Supply	VDD	-0.3	—	+6	V
Input voltage	VI	-0.5	—	+5.5	V

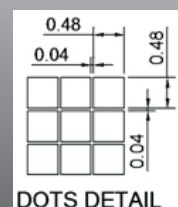
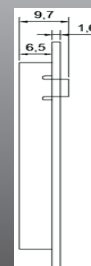
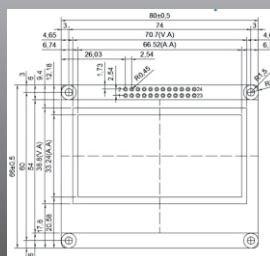
Operating Conditions

Symbol	Standard			Unit
	min.	typ.	max	
VDD	4.5	5	5.5	V
VIH	2.3	-	-	V
VIL	-	-	0.9	V
VOH	2.9	-	-	V
VOL	-	-	0.4	V

Keyboard layout

KEY	IN0	IN1	IN2	IN3	IN4	IN5	IN6
OUT0	F1/1	F2/2	F3/3	F4/4	F5/5	Up/←	CLR/ESC
OUT1	F6/6	F7/7	F8/8	Left/9	Right/0	Down/↓	ENT/OK

Dimension drawing



Unit : mm

ViewX X-Editor

Intuitive interface

The lowest purchasing costs

The most effective editing

Rich component library



Systematic management interface

Through the screen management, communication management, tag management and classification and reduce the search for tools and screen time.



Multi-language settings

Exclusive ownership of the dictionary customization, different countries, edited by their own new dictionary can be free to switch breakthrough of frontiers.



Alarm management

Can set different trigger an alarm condition and based on the actual situation remind technician status processing.



Password management

Password setting is not to ensure that the development of managers



Sound management

Different alarm or dialog box appears to warning sound from the software configuration.



Data record

Record historical data and historical trends to identify abnormal variables, conducive to the analysis of the problem can record 32767 pen.



Exclusive dialogue box function

Dialog box for the message to jump out a warning to remind technicians next select the appropriate instructions to complete the next phase of work.



Schedule management

For a specific time, schedule management to reduce the technical staff failure mode.



Data Protection

Password to upload, download password and upload edit the password to prevent any human operating the mistaken contained.



Data recipe management

Due to material frequently changed, the parameter adjustment on the HMI, which will help the operator to use the parameters can be quickly replaced and reduce change clues errors to increase the efficiency.



System control and management

Touch HMI screen, to display the original screen or settings screen of the HMI internal setting, can be set to the HMI backlight to turn on and off to save power.



Macro

Use the macro function by the PLC variables read and written back, Trigonometric applications, high brightness identify editor and provided V-shaped indirect address variable.



Grammar checker

During the compilation process, the variable name is correct, checking the situation and content of the grammar checker, provided program compiled by amendment.



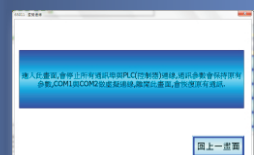
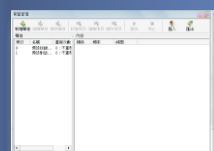
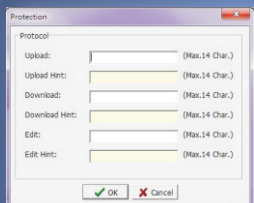
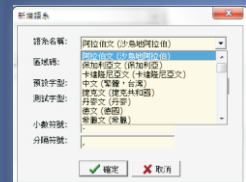
HMI Program simulation

Use PC emulation HMI operational status, reduce the time to upload and download to increase work efficiency.



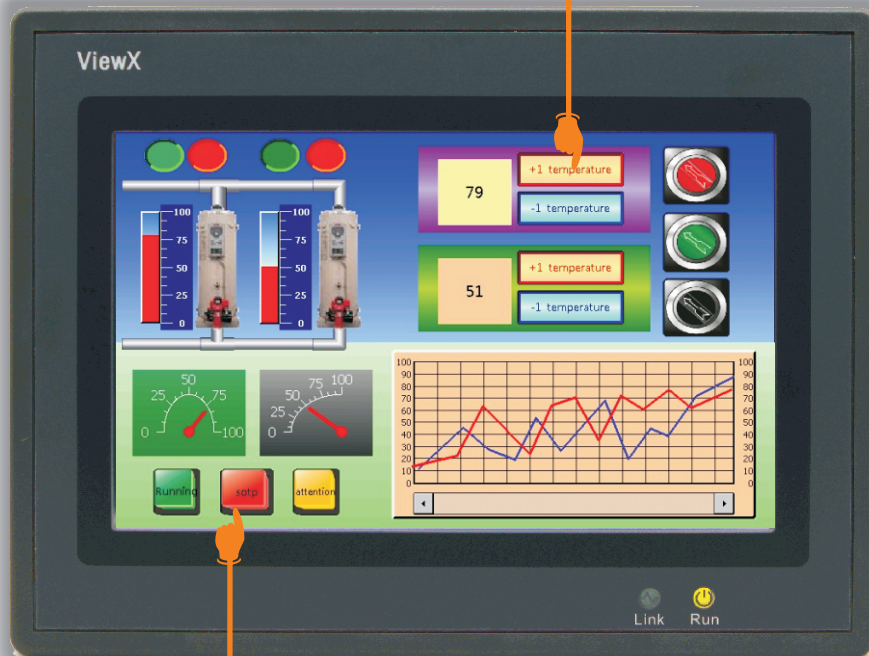
Component alignment line setting

By setting the function to display the grid point distance, edit element position is more efficient and the screen is more beautiful.



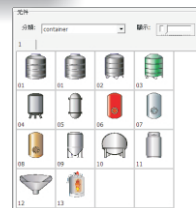
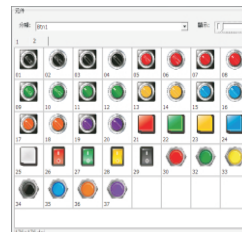
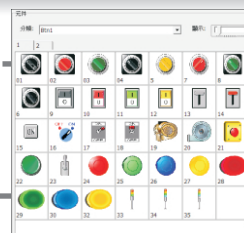
Support windows a variety of fonts

Lights, switch, headline, indicator, font to display...etc



Rich graphical components database

Intuitive selection of device applications



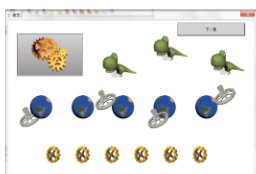
Support windows Multi-lingual fonts

English, Simplified, Traditional and more than 100 Multi-lingual.



Components of the display and non-display

For authority to operate and machine device and required to display graphics of different, set components display and non-display.



Dynamic graphics and instrumentation motor function

Using the photo loading function yield to two or two above graphics in accordance with the set up automatic changes, do not have to worry about the animation function caused by loss of memory commonly used in the transportation and lights conversion.

Auto / Manual switch graphic color

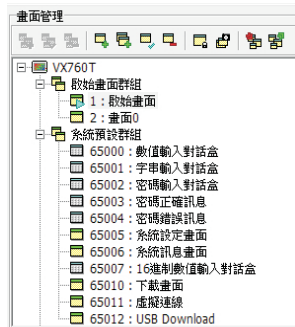
Pre set dynamic graphics and animation, when read the signal can transform graphics. Pre set two or two more than graphics can automatically switch.



Screen, Communications and Tag management window

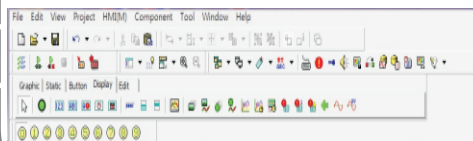
Facilitate the management of windows, any-time switch any-time adjustment of edit objects.

On the next screen to directly edit and click the marked items in the screen window.



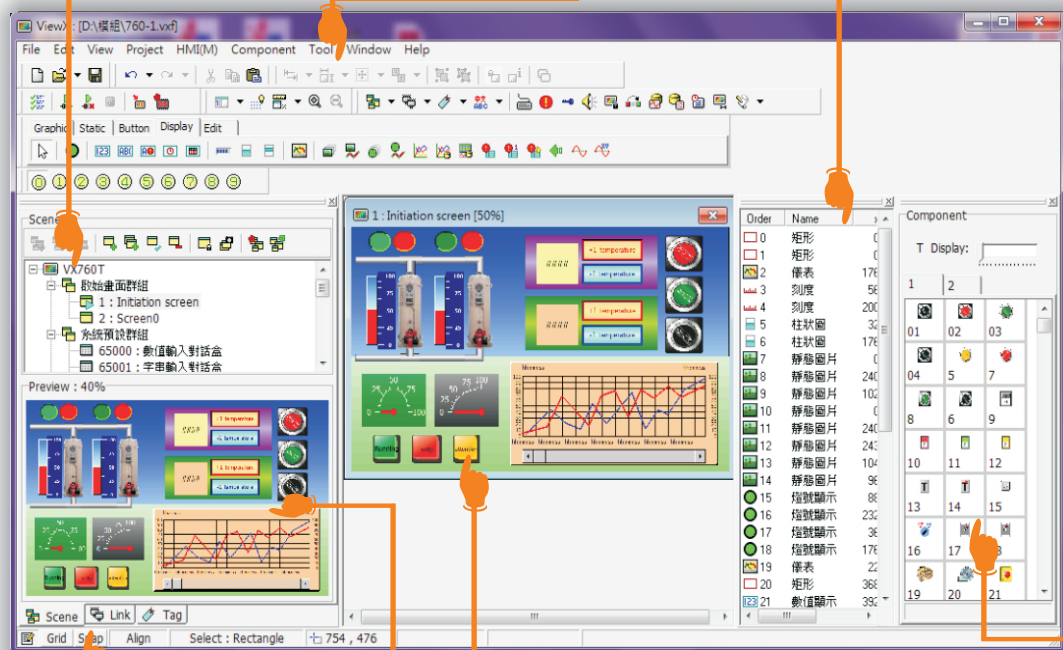
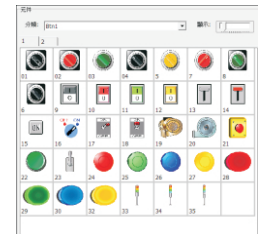
Complete toolbar

Intuitive menu not only easily edit but also save time and energy. Exclusive personal use of the toolbar is the HMI optimization



Components list

Diversification component make the new components more diverse and dramatically reducing editing time.



Grid lock points, object alignment

Grid points to calculate the distance between components. Lock point to put components to move to relative position. Object alignment to move components translation or vertical alignment center location.

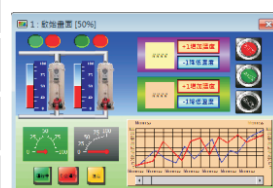
Edit preview

Edit preview make the editor screen configuration better.



Screen edit area

The edit screen shows consistency of the picture with your HMI.



Component list window

Editor of the components listed in window, easily editors any-time to review.



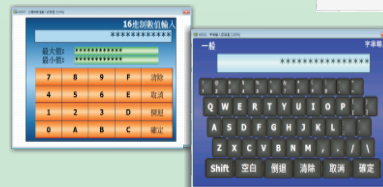
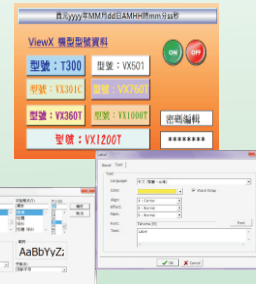
Hardware category



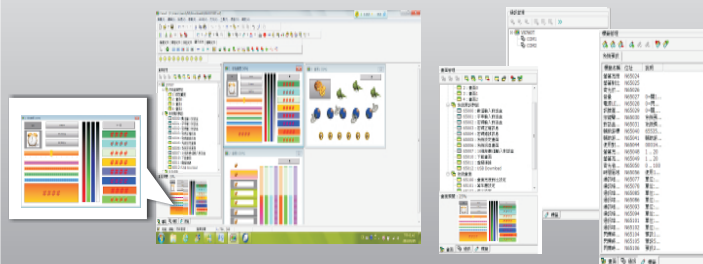
- 3",3.3",3.5",5.7",7",10.4",12"Display size
- FSTN,TFT Photo display
- Resistive touch panel
- 32bit RISC CPU
- Maximum Memory8M
- COM1,COM2,USB Device
- Lithium battery backup storage

Support windows fonts & a variety of keyboard design

- Support windows fonts and more beauty picture editing
- Support windows display of fonts
- Supports pop-up window keyboard input
- Free design and creative calendar
- Quick fix screen error easy to re-planning
- Keep the display window, anytime update the screen group for haulage and duplication.
- Keep the screen duplication can copied directly, easy to manage repetitive picture.



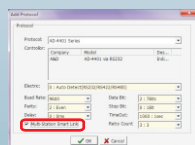
Easy to navigate the screen management system



- With Intuitive preview of editing graphics.
- Three kinds of screen management system, fingertips transformation easily.
- Easy to customizable error and increase edit appearance
- Quick fix screen error easy to re-planning
- Keep the display window, anytime update the screen group for haulage and duplication.
- Keep the screen duplication can copied directly, easy to manage.

Link to a different device & multiple the wisdom to connect.

- Support the market most of PLC
- Earmarked driver
- COM1(RS232/422/485)Connecting to the PLC or controller
- COM2(RS232/422/485)Connecting to the PLC or controller
- USB Device Connecting to the PC upload/download
- A HMI connect multiple PLC
- Wisdom connection to increase the connection efficiency

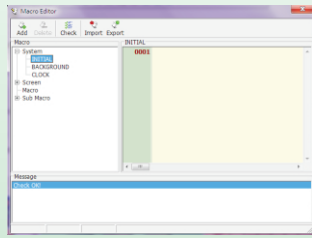


Support windows graphics and animated photo.

- Designers as needed graphics design movement and alignment.
- Show alignment lines, so that the graphics left lane and right line, the midline can be aligned.
- Presents the graphical output screen can be arbitrary
- Can display a static image, dynamic picture, automatically change screen
- Replacement graphics and graphic background color with the programmer requires.
- Color line, brush with the programmer multi-performance.
- Picture size and display according to the scaling of the drawings
- Input the graphic format



ViewX Macro Function

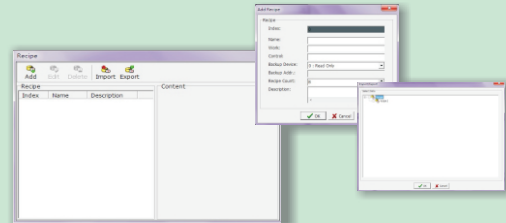


- Macro function programming.
- Macro function can be support functions and floating-point expression.
- Support trigonometric functions written.
- Automatic debugging features, when writing macros to complete and to press the check button and program automatically for errors.
- The Macro variables provided V indirect addressing variable.
- The Macro editing provided identification editing of high-brightness.
- Direct use of the PLC variable read and write-back.

The recipe function



- Keep the recipe function, set parameters in the change of line time, to reduce the man-made, promotion the stability of staff and machinery.
- Keep the recipe function, set parameters in the change of line time, to reduce the man-made, promotion the stability of staff and machinery.
- New formula defined, more convenient to use.
- Import / Export the recipe function and editing more flexible.



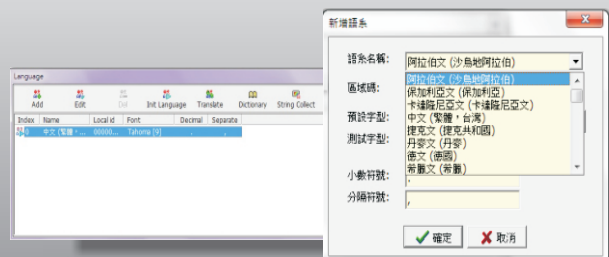
Gestures to change page



- Do not need the screen operation and paging operation functions.
- Gestures to change page of internal default, slide into the lower right by the upper left to set the page.
- Gestures to change page as easy to like to control a picture

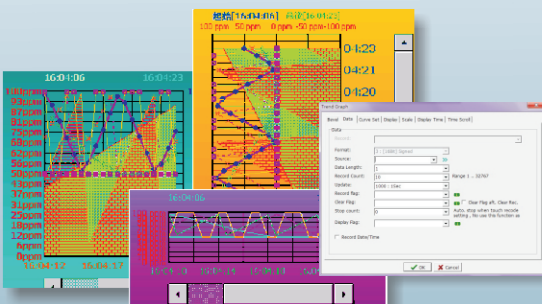


Multi-lingual



- Self-defined dictionary
- More than 100 Multi-lingual.
- Support windows language settings
- Increase the international perspective for designer.

Historical trends

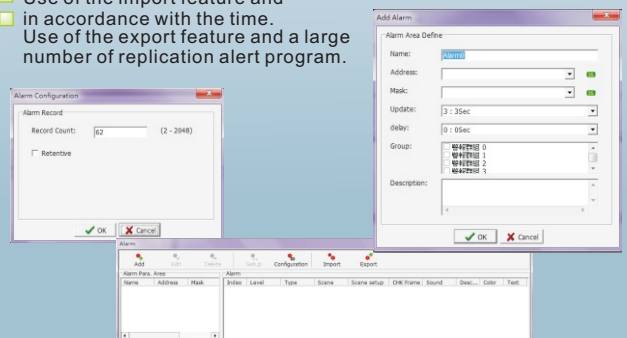


- Historical trends can be seen through the time setting and can be analyzed.
- Can store 32,767 group up to 16 words.

Alarm processing



- Built-in 32 groups of alarm group to facilitate the management categories.
- Can store 2,048 group.
- Can update cycle and reduce the inspection time.
- Use of the import feature and in accordance with the time.
- Use of the export feature and a large number of replication alert program.



	Function Specifications	T300	VX301C	VX360T	VX501	VX760T	VX1000T	VX1200T
Product Specifications	Central Processing Unit (CPU)	32 Bits RISC						
	Memory	512K	1536K/2048K	7680K/8192K	1536K/2048K	7680K/8192K		
	Communication Port	COM1 <small>(RS232/RS422/RS485)</small>	COM1(RS232)		COM1 RS232/RS422/RS485 (Auto)			
			COM2(RS422/RS485)		COM2 RS232/RS422/RS485 (Auto)			
		—	—	USB Device	—	USB Device		
		—	—	Scalable Ethernet	—	Scalable Ethernet		
Display Device	Calendar	—	Built-in (powered by rechargeable lithium battery)					
	Display Type	FSTN LCD	FSTN LCD	TFT-LED	FSTN LCD	TFT-LED		
	Display Size	3inches	3.3inches	3.5inches	5.7inches	7inches	10.4inches	12inches
	Display Color	black and white	Black 16K	Color 65K	Black 16K	Color 65K		
	Brightness	100cd/m ²	60cd/m ²	250cd/m ²	150cd/m ²	300cd/m ²	400cd/m ²	450cd/m ²
	Screen pixels	132*64	160*160	320*240		800*480	640*480	800*600
	Brightness Adjustment	Digital (0-100)						
	Contrast Adjustment	Digital (0-100)						
	Screen Contrast Ratio	5 : 1	5 : 1	300 : 1	5 : 1	400 : 1	300 : 1	600 : 1
	Backlight	Blue-LED	LED				CCFL	
	Language	All texts available in Windows						
	Type	Buzzer						
Touch Panel	Audio Output	—	Resistive					
Electrical Specifications	Rated Voltage	10~30V DC				24V DC±10V		
	Power Consumption	3W以下		4W以下	8W以下	10W以下	15W以下	
	Anti-statics	Contact discharge : -6KV ~ +6KV (Grade2 by IEC61000-4-2) Non-contact discharge : -15KV ~ +15KV (Grade 4 by ICEC61000-4-2)						
Environmental Specification	Working Temperature	0℃ ~45℃						
	Storage Temperature	-20℃ ~60℃						
	Humidity	20℃ ~ 85℃ RH (no condensation allowed)						
	Anti-Shock Capability	10Hz ~ 25Hz (0.5 mm along X, Y, and Z directions for 30 minutes)						
	Waterproof Capability	IP5/NEMA4						
	Cooling	Natural air circulation						
Machine Dimensions	Exterior Dimensions	96*96*25.4			203.2*152.4*50.8		317*243*50.8	
	Opening Dimensions	91*91			191.4*140.6		302*228	
	Weight	152g	180g		0.55kg	0.75kg	1.9kg	2.5kg
	Exterior Material	Fireproof ABS (Acrylonitrile Butadiene styrene)						

When **ViewX** become another commodity value

Using the HMI to attract the customer not only operating, but also designing can be more advantageous.



We efforts to the HMI R&D energy saving and reduce carbon for Global Environmental Change.

We efforts to the HMI R&D energy saving and reduce carbon for Global Environmental Change. We have environmental protection as most in need of priority concern, and is committed to paperless, resource classification, manuals Web download and other environmental protection activities .In the future, we will be more committed to the development and manufacturing to reduce waste generation.To produce the electricity higher performance of the products and energy conservation activities. In the future, for the green wave we will do the better to our next generation.

- Products cited in the module with the actual module to the actual module-based
- The actual user screen and directory display different
- LCD screen display precision Grid Display panel, display the outline may have some wave or pattern for a normal phenomenon

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- The Company reserves the right to Catalog last modified, the modified without notice

Ordering Information

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