HMI

TG·OP

TG series general HMI

3.7-15.6 inches full coverage, 13 branch products to meet a variety of interaction needs of your industrial site

■ Suitable for many occasions

- TG general model
- TG(G) gray ultrathin model
- TG(S) black ultrathin model

■ Suitable for special occasions

- TGM(B) Vehicle, medical, testing
- CCSG Special for marine ships
- TGM(L) Outdoor occasions

■ Suitable for basic occasions

- TG(S/G)-XT Cost effective
- OP key type operate panel

■ Suitable for harsh environment

- TG(P) Site environment with heavy oil pollution
- TGM(D) Site environment with severe temperature requirements

■ Suitable for network demand occasions

- TGM Ethernet communication

■ Suitable for handheld operation

- MTG handheld wireless operation, built-in mobile power supply
- RT can be operated with one hand and two hands, which is convenient for field test equipment

■ High hardware configuration for higher performance

CPU	Memory	Storage	Color	Capacity
ARM9 core Main frequency 400MHz	128MB/64MB	128MB	16.77 million	4 million words Power off holding area

■ Download, start and run trinity ultra-high speed response

Download
USB high-speed data transmission can greatly reduce the program download time and facilitate debugging

Start
Greatly improve the startup speed and reduce the waiting time
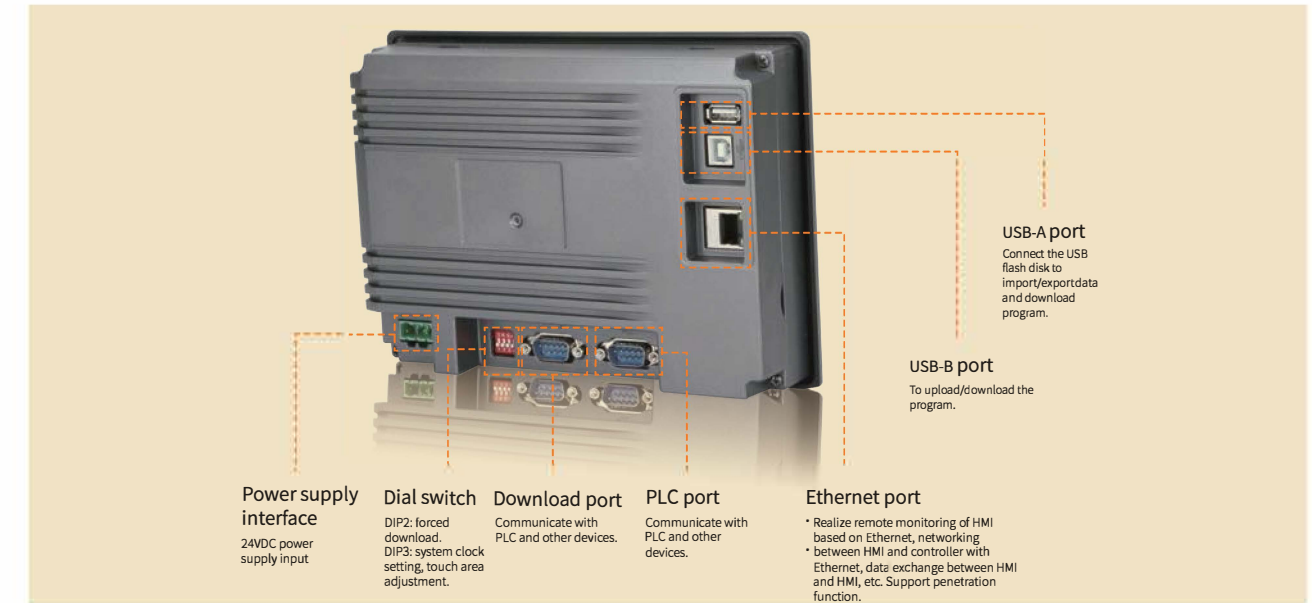
Run
Smoother screen switching and animation effect

■ Flexible installation and free choice

Vertical installation or horizontal installation can be freely selected according to the actual needs of the site.

Excellent performance

Rich interface and powerful communication capability

USB-A port
Connect the USB flash disk to import/export data and download program.

USB-B port
To upload/download the program.

Power supply interface
24VDC power supply input

Dial switch
DIP2: forced download.
DIP3: system clock setting, touch area adjustment.

Download port
Communicate with PLC and other devices.

PLC port
Communicate with PLC and other devices.

Ethernet port
- Realize remote monitoring of HMI based on Ethernet, networking
- between HMI and controller with Ethernet, data exchange between HMI and HMI, etc. Support penetration function.

■ Flexible connection and support communication of multiple devices

Flexible connectivity, direct communication with multiple devices

- It can be directly connected with PLC of various mainstream brands such as Mitsubishi, Siemens, Omron and Schneider, and communicate with various frequency converters and controllers such as Mitsubishi, Delta and Inovance.
- It supports communication with standard Modbus protocol controllers, and can connect multiple controllers supporting Modbus protocol at the same communication port, such as PLC, frequency converter, servo driver, instrument, etc.
- Support free protocol communication, and realize free communication of various instruments by flexible programming in C language.

Servo driver   PLC   VFD   Meter

Support micro printer

- The download port can directly drive the micro printer, panel printer and thermal printer with RS232 interface, so as to realize the real-time printing of engineering data and acquisition curve.
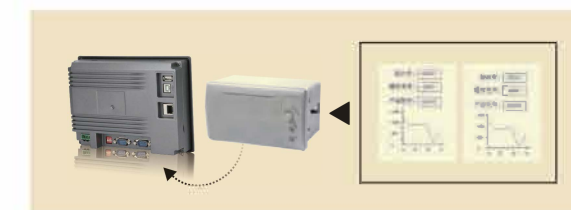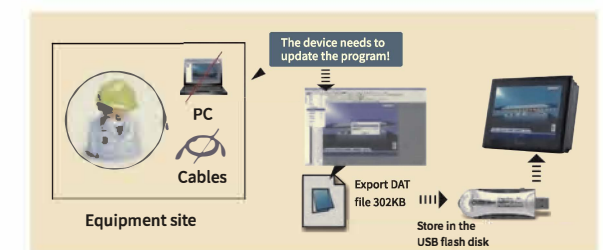
■ Rich download methods

Program download based on USB-B interface

- USB-B interface complies with USB2.0 standard interface, connect the computer with the USB-B port for high-speed data transmission and picture download through the USB communication cable, greatly shorten the download time and make it more convenient for users to debug the program.

Use USB flash disk to quickly import the program through USB-A interface

- TG series models equipped with USB-A interface can directly download the program to HMI without computer but through USB flash disk. The download process is simple and fast, which is conducive to the confidentiality of the program. It is applicable to the situation that the program needs to be upgraded but there is no computer or download cable, saving time and cost.

The device needs to update the program!

PC
Cables
Equipment site

Export DAT file 302KB
Store in the USB flash disk

PLC

HMI

Excellent performance

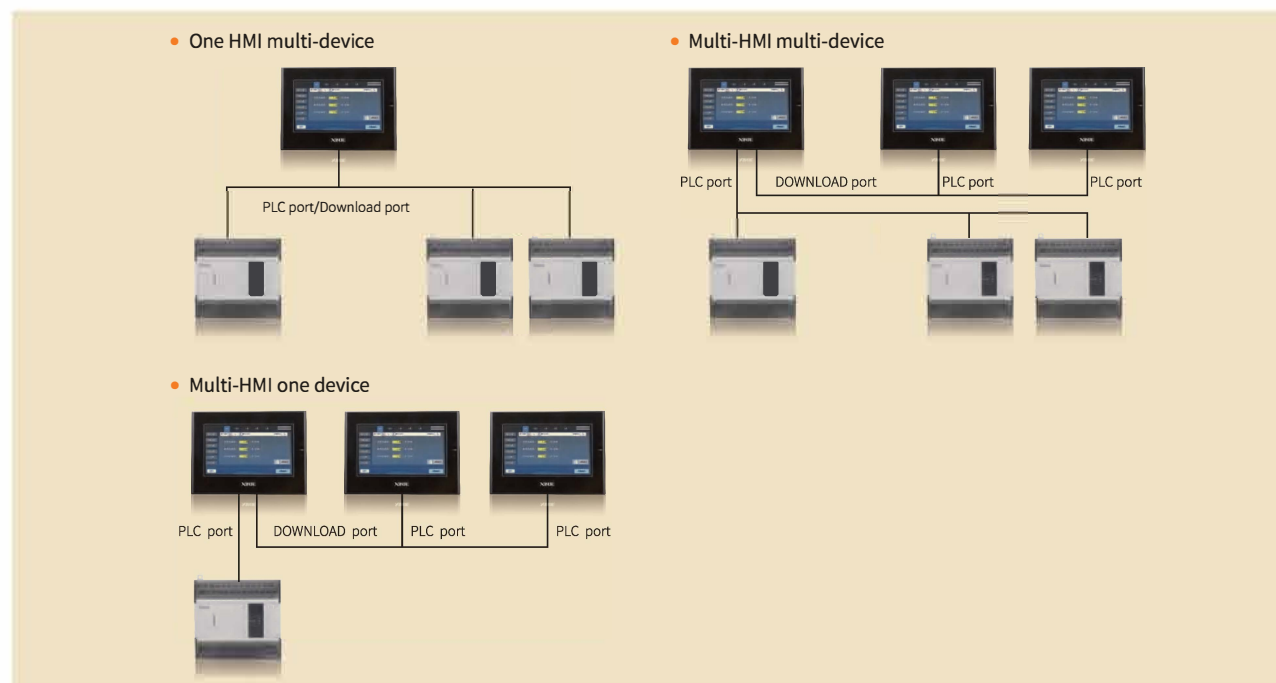## From independent stand-alone to network communication, multiple networking mode

■ Support Ethernet communication, improve communication speed, suitable for complex field environment

- Standard RJ45 Ethernet port
- It can form an open network structure with Modbus TCP devices, Siemens S7-1200, S7-300, Mitsubishi Melsec series, Keyence KV5000, LS XGT, Omron Fins TCP series and A-BOX-U.

Switch

S7-300 | Keyence KV5000 | LSXGT | Mitsubishi Melsec protocol devices | Siemens S7-1200 | S7-Smart PLC | Modbus TCP Ethernet devices
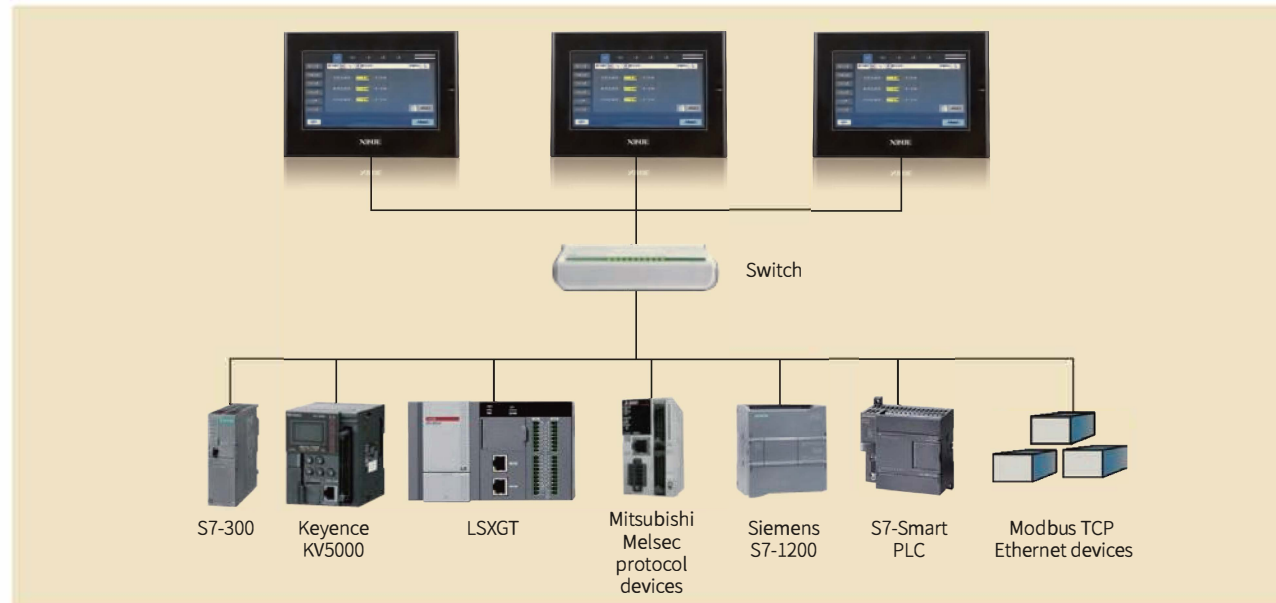
■ Various networking modes

- It can be networked according to the traditional master-slave mode or through X-NET bus.

● One HMI multi-device

PLC port/Download port

● Multi-HMI multi-device

PLC port | DOWNLOAD port | PLC port | PLC port

● Multi-HMI one device

PLC port | DOWNLOAD port | PLC port | PLC port

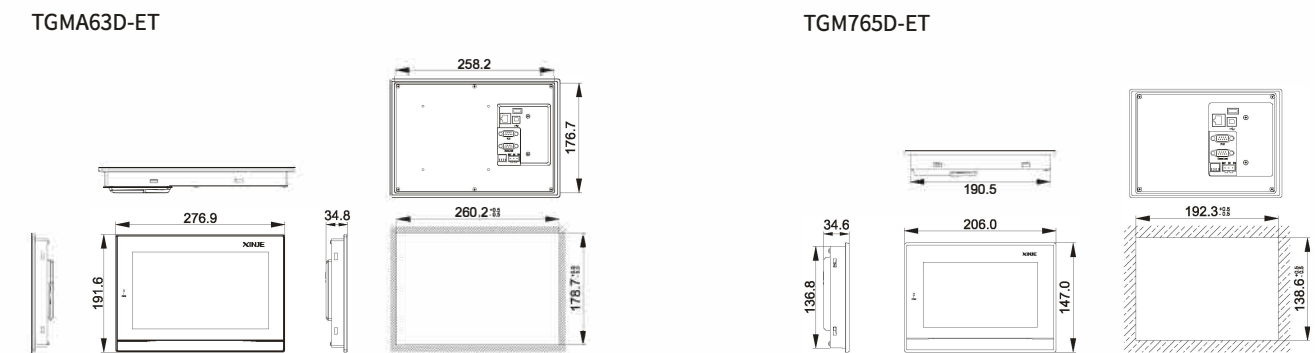# Wide temperature metal HMI

TGM（D）series   10.1" 7"

- New appearance and structure design, centralized interface
- Ultra thin body
- The metal cover of the whole machine greatly improves the anti-interference and heat dissipation
- The temperature range is -20℃~70℃, suitable for the site environment with high temperature requirements
- More industrial chips are adopted, and the performance is more stable

| Product specification

Product model		TGMA63D-ET	TGM765D-ET
Product features	Display size	10.1"	7"
	Resolution	1024*600	800*480
	LCD	TFT LCD display, LED backlight	
	Display color	16.77million colors	
	Brightness	200 cd/m²	
	Touch panel	Four-wire resistive touch screen	
	LCD life	Above 50000 hours, ambient temperature 25℃, 24-hour operation	
	Memory	128MB	
Interface	PLC port	RS232/RS485/RS422	
	Download port	RS232/RS485	/
	USB-A port	USB flash disk port, USB2.0 standard	
	USB-B port	USB download port, USB2.0 standard	
	Ethernet port	Standard RJ45	
Electrical features	Input voltage	DC24V （voltage range: DC22V-DC26V)	
	Consumption current	270mA	200mA
	Allowable power loss	Below 10ms (actual power loss less than 1s)	
	Withstand voltage shock	AC1000V, 10mA, less than 1 minute (signal and ground)	
	Insulation resistance	Above10MΩ, DC500V	
Environment	Operation temperature	-20-70℃	
	Storage temperature	-30-75℃	
	Operation humidity	10%RH-90%RH (no condensation)	
	Anti-interference ability	Voltage noise: 1500Vp-p, pulse width 1us, 1 minute	
	Air	No corrosive gas	
	Cooling mode	Natural air cooling	
	Protection level	Front cover IP65	
Dimension	External dimension (mm)	276.9*191.6*34.8	206.0*147.0*34.6
	Opening size (mm)	260.2*178.7	192.3*138.6

| Appearance dimension drawing (Unit: mm)

TGMA63D-ET

258.2

176.7

276.9 | 34.8 | 260.2⁺¹

191.6 | 178.7⁺¹

TGM765D-ET

190.5

34.6 | 206.0 | 192.3⁺¹

136.8 | 147.0 | 138.6⁺¹

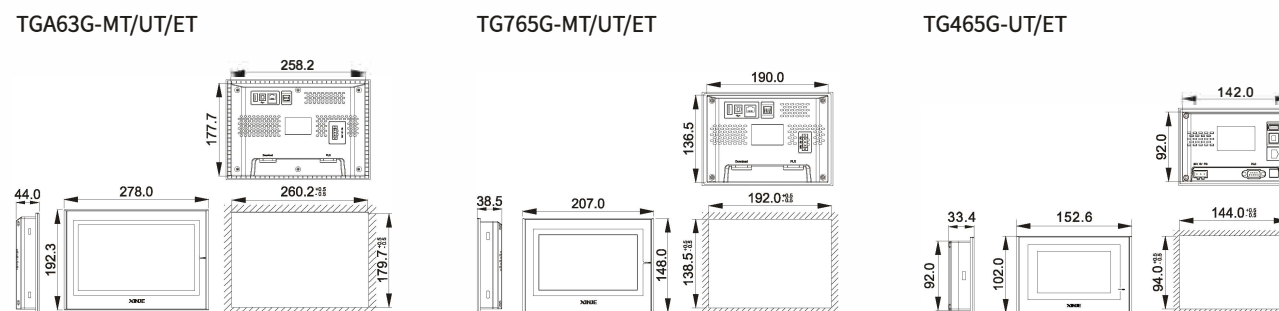# New appearance HMI

TG (G) series `10.1"  7"  4.3"`

- The gray appearance design of the whole machine has strong visual impact
- Improved cover material, frosted texture
- The function and performance are the same to TG(S) series

| Product specification

Product model		TGA63G-MT TGA63G-UT TGA63G-ET	TG765G-MT TG765G-UT TG765G-ET	TG465G-UT TG465G-ET
Product features	Display size	10.1"	7"	4.3"
	Resolution	1024*600	800*480	480*272
	LCD	TFT LCD display, LED backlight		
	Display color	16.77million colors		
	Brightness	200 cd/m²		
	Touch panel	Four-wire resistive touch screen		
	LCD life	Above 50000 hours, ambient temperature 25℃, 24-hour operation		
	Memory	128MB		
Interface	PLC port	RS232/RS422/RS485	RS232/RS422/RS485	RS232/RS485/RS422 (XT model cannot support RS422)
	Download port	RS232/RS485	RS232/RS485	/
	USB-A port	USB flash disk port, USB2.0 standard. UT/ET model can support		
	USB-B port	USB download port, USB2.0 standard		
	Ethernet port	Standard RJ45, ET model can support		
Electrical features	Input voltage	DC24V (voltage range: DC22V~DC26V)		
	Consumption current	270mA	200mA	180mA
	Allowable power loss	Below 10ms (actual power loss less than 1s)		
	Withstand voltage shock	AC1000V, 10mA, less than 1 minute		
	Insulation resistance	Above 10MΩ，DC500V		
Environment	Operation temperature	0℃～50℃		
	Storage temperature	-20℃～60℃		
	Operation humidity	10%RH-90%RH (no condensation)		
	Anti-interference ability	Voltage noise: 1500Vp-p, pulsewidth 1us, 1 minute		
	Air	No corrosive gas		
	Cooling mode	Natural air cooling		
	Protection level	Front cover IP65		
Dimension	External dimension (mm)	278.0*192.3*44.0	207.0*148.0*38.5	152.6*102.0*33.4
	Opening size (mm)	260.2*179.7	192.0*138.5	144 .0*94.0

| Appearance dimension drawing (Unit: mm)

TGA63G-MT/UT/ET

TG765G-MT/UT/ET

TG465G-UT/ET

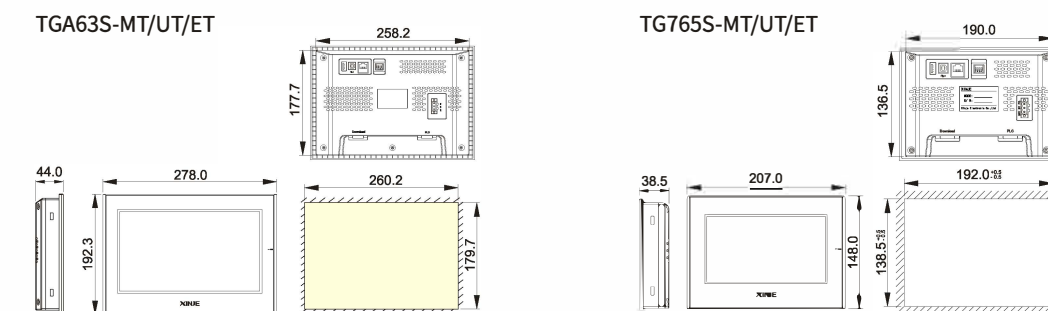# Ultrathin type HMI

TG (S) series `10.1"  7"`

- Ultrathin and fashionable appearance design, 7'' model thickness as low as 38.5mm
- The plastic cover made of PC and ABS alloy material (or flame retardant material) is more solid and durable
- Optimize the snap-fit design to effectively reduce the entry of external dust and oil stain
- The communication interface faces down to effectively save installation space

| Product specification

Product model		TGA63S-MT TGA63S-UT TGA63S-ET	TG765S-MT TG765S-UT TG765S-ET
Product features	Display size	10.1″	7"
	Resolution	1024*600	800*480
	LCD	TFT LCD display, LED backlight	
	Display color	16.77 million colors	
	Brightness	200 cd/m²	
	Touch panel	Four-wire resistive touch screen	
	LCD life	Above 50000 hours, ambient temperature 25℃, 24-hour operation	
	Memory	128MB	
Interface	PLC port	RS232/RS422/RS485	
	Download port	RS232/RS485	
	USB-A port	USB flash disk port, USB2.0 standard. UT/ET model can support	
	USB-B port	USB download port, USB2.0 standard	
	Ethernet port	Standard RJ45, ET model can support	
Electrical features	Input voltage	DC24V (voltage range: DC22V~DC26V)	
	Consumption current	270mA	200mA
	Allowable power loss	Below 10ms (actual power loss less than 1s)	
	Withstand voltage shock	Above AC1000V, 10mA, less than 1 minute	
	Insulation resistance	10MΩ，DC500V	
Environment	Operation temperature	0℃～50℃	
	Storage temperature	-20℃～60℃	
	Operation humidity	10%RH-90%RH (no condensation)	
	Anti-interference ability	Voltage noise: 1500Vp-p, pulse width 1us, 1 minute	
	Air	No corrosive gas	
	Cooling mode	Natural air cooling	
	Protection level	Front cover IP65	
Dimension	External dimension (mm)	278.0*192.3*44.0	207.0*148.0*38.5
	Opening size (mm)	260.2*179.7	192.0*138.5

| Appearance dimension drawing (Unit: mm)

TGA63S-MT/UT/ET

TG765S-MT/UT/ET

General HMI

TG series 15.6" 10.1" 8" 7" 4.3"

- Covering complete display size, the product lineup is abundant
- It has various functions and is suitable for most industrial sites
- USB-A front port design, easy to use (TGC65, TGA62 support)

■ USB-A front interface design, more convenient operation TGC65|TG A62 support

USB-A interface is used for data import and export. This interface is designed on the front of the panel. When transmitting data, there is no need to open the control cabinet. It is easy to operate and greatly improves the work efficiency.

| Appearance dimension drawing (Unit: mm)
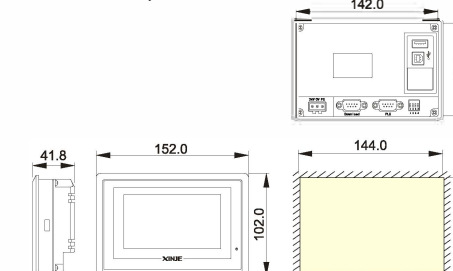
TGC65-ET

TGA63-MT/UT/ET/NT
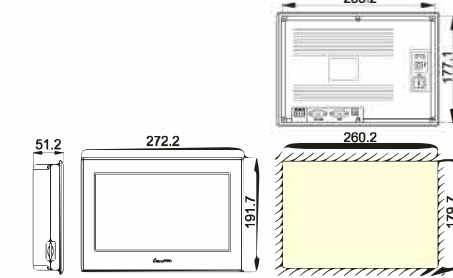
TGA62-MT/ ET
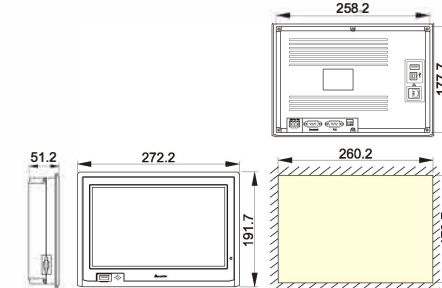
TG865-MT/ ET
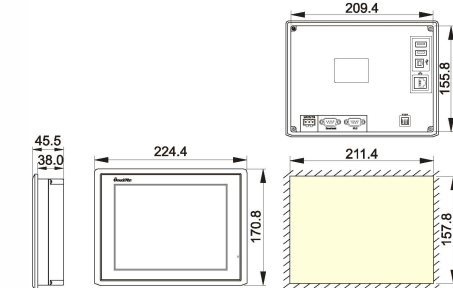
TG765-MT/ UT/ ET
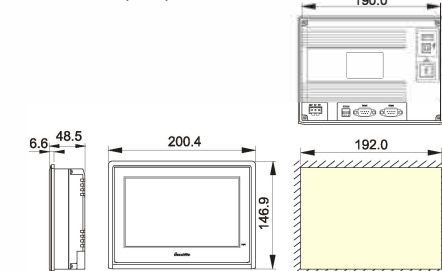
TG465- MT2/ UT2

TG465-MT/ UT/ ET/ XT

| Product specification

	Product model	TGC65-ET	TGA63-MT TGA63-UT TGA63-ET	TGA62-MT TGA62-ET	TG865-MT TG865-ET	TG765-MT TG765-UT TG765-ET	TG465-MT TG465-UT TG465-ET	TG465-MT2 TG465-UT2 TG465-XT
Product features	Display size	15.6″	10.1″	10.1″	8″	7″	4.3″	
	Resolution	1366*768	1024*600	800*480	800*600	800*480	480*272	
	LCD	TFT LCD display, LED backlight						
	Display color	16.77 million colors						
	Brightness	250 cd/m²	200 cd/m²					
	Touch panel	Four-wire resistive touch screen						
	LCD life	Above 50000 hours, ambient temperature 25℃, 24-hour operation						
	Memory	128MB						
Interface	PLC port	RS232/RS422/RS485						
	Download port	RS232/RS485					RS232/RS485 (only -MT2/UT2 model support)	
	USB-A port	USB flash disk port, USB2.0 standard. UT/ET model can support						
	USB-B port	USB download port, USB2.0 standard						
	Ethernet port	Standard RJ45, ET model can support						
Electrical features	Input voltage	DC24V (voltage range: DC22V~DC26V)						
	Consumption current	730mA	270mA		250mA	200mA	180mA	
	Allowable power loss	Below 10ms (actual power loss less than 1s)						
	Withstand voltage shock	AC1000V, 10mA, less than 1 minute						
	Insulation resistance	Above10MΩ，DC500V						
Environment	Operation temperature	0℃~50℃						
	Storage temperature	-20℃~60℃						
	Operation humidity	10%RH-90%RH (no condensation)						
	Anti-interference ability	Voltage noise: 1500Vp-p, pulsewidth 1us, 1 minute						
	Air	No corrosive gas						
	Cooling mode	Natural air cooling						
	Protection level	Front cover IP65						
Dimension	External dimension (mm)	410.0*270.0*65.0	272.2*191.7*51.2	272.2*191.7*51.2	224.4*170.8*45.5	200.4*146.9*48.5	152.0*102.0*41.8	
	Opening size (mm)	399.0*259.0	260.2*179.7	260.2*179.7	211.4*157.8	192.0*138.5	144.0*94.0	

Highlight type HMI

TGM(L) series   7"

• Based on the network series products (TGM), the brightness is increased to 530,which can be used in outdoor occasions

| Product specification

	Product model	TGM765L-MT	TGM765L-ET
Product features	Display size	7"	
	Resolution	16.77 million colors	
	LCD	800*480	
	Display color	530 cd/m²	
	Brightness	Four-wire resistive touch screen	
	Touch panel	Above 50000 hours, ambient temperature 25℃, 24-hour operation	
	LCD life	128MB	
Interface	Memory	RS232/RS485/RS422	
	PLC port	RS232/RS485	
	Download port	USB flash disk port, USB2.0 standard	
	USB-A port	USB download port, USB2.0 standard	
	USB-B port	/	Standard RJ45
	Ethernet port	DC24V (voltage range: DC22V~DC26V)	
Electrical features	Input voltage	200mA	
	Consumption current	Below 10ms (actual power loss less than 1s)	
	Allowable power loss	AC1000V, 10mA, less than 1 minute (signal and ground)	
	Withstand voltage shock	Above 10MΩ, DC500V (signal and ground)	
Environment	Insulation resistance	0-50℃	
	Operation temperature	-20-60℃	
	Storage temperature	10%RH-90%RH（no condensation)	
	Operation humidity	10~25Hz (X, Y, Z direction each 30 minutes 2G)	
	Anti-interference ability	Voltage noise: 1500Vp-p, pulse width 1us, 1 minute	
	Air	No corrosive gas	
	Cooling mode	Front cover IP65	
	Protection level	Natural air cooling	
Dimension	External dimension (mm)	207.0*148.0*38.5	
	Opening size (mm)	192.0*138.5	

| Appearance dimension drawing (Unit: mm)

TGM765L-MT/ET
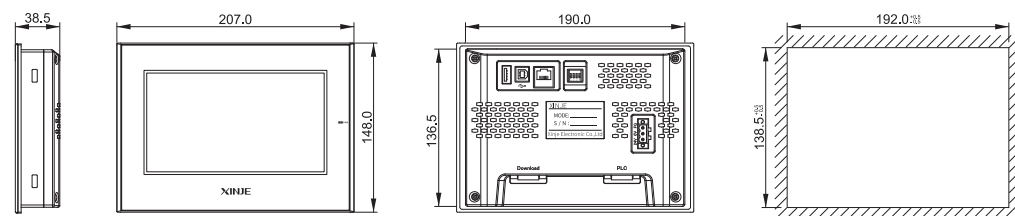
Oil resistant type HMI

TG (P) series   10.1" 7" 4.3"

• The oil resistant type redesign the upper cover and film on the basis of the general TG series products, and increase the width of the back glue of the film, so as to achieve the purpose of more oil resistance on the front
• It is applicable to the environment with heavy oil pollution, and other functions are the same as the general type

| Product specification

	Product model	TGA62-MT(P) TGA62-ET(P)	TG765-MT(P) TG765-UT(P)	TG765-XT(P)-C	TG465-MT(P)
Product features	Display size	10.1"	7"	7"	4.3"
	Resolution	800*480	800*480	800*480	480*272
	LCD	TFT LCD display, LED backlight			
	Display color	16.77 million colors			
	Brightness	200 cd/m²			
	Touch panel	Four-wire resistive touch screen			
	LCD life	Above 50000 hours, ambient temperature 25℃, 24-hour operation			
	Memory	128MB			
Interface	PLC port	RS232/RS422/RS485		RS232	RS232/RS422/RS485
	Download port	RS232/RS485		/	/
	USB-A port	USB flash disk port, USB2.0 standard, UT(P)/ET(P) models support			
	USB-B port	USB download port, USB2.0 standard			
	Ethernet port	Standard RJ45, ET(P) models support		/	/
Electrical features	Input voltage	DC24V (voltage range: DC22V~DC26V)			
	Consumption current	270mA	200mA	200mA	180mA
	Allowable power loss	Below 10ms (actual power loss less than 1s)			
	Withstand voltage shock	AC1000V, 10mA, less than 1 minute			
	Insulation resistance	Above 10MΩ，DC500V			
Environment	Operation temperature	0℃～50℃			
	Storage temperature	-20℃～60℃			
	Operation humidity	10%RH~90%RH (no condensation)			
	Anti-interference ability	Voltage noise: 1500Vp-p, pulse width 1us, 1 minute			
	Air	No corrosive gas			
	Cooling mode	Natural air cooling			
	Protection level	Front cover IP65			
Dimension	External dimension (mm)	272.2*191.7*51.2	200.4*146.9*48.5	200.4*146.9*48.5	152.0*102.0*41.8
	Opening size (mm)	260.2*179.7	192.0*138.5	192.0*138.5	144.0*94.0

| Appearance dimension drawing (Unit: mm)

TGA62-MT(P)/ ET(P)   TG765-MT(P)/ UT(P) /XT(P)-C   TG465-MT(P)
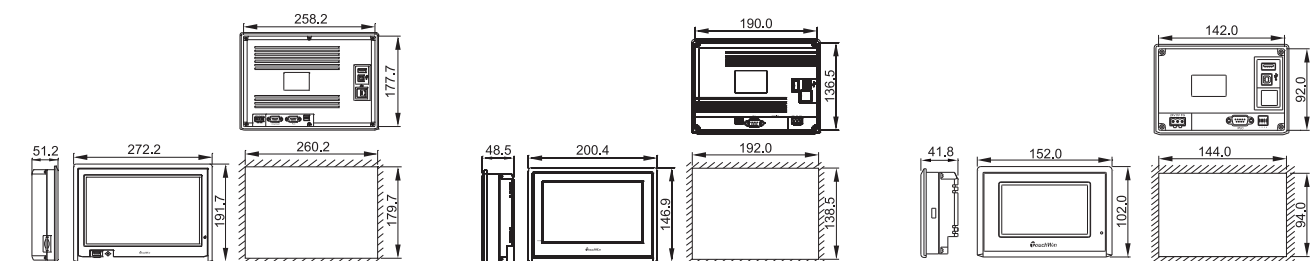
Economic type HMI

Economic type TG series 7" 4.3"

TG-XT
- On the basis of general type TG/ultra-thin type TG(S)/new appearance TG(G) series products, one or two RS232 serial ports are reserved, with standard clock function
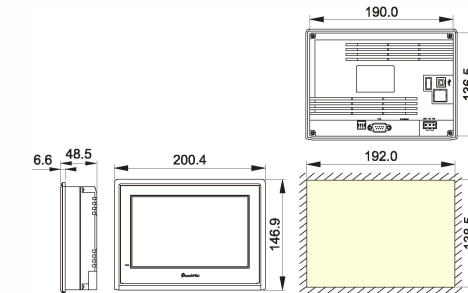 Note: the serial port only supports RS232 communication mode

TG-ZT
- Remove RS422 communication mode on the basis of new appearance TG(G) series products
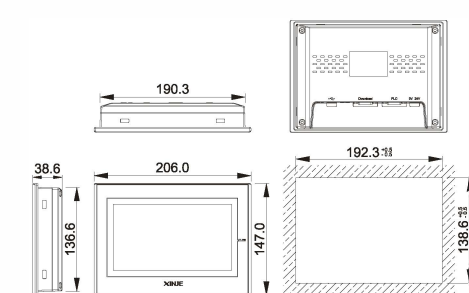 Note: the internal register PFW is stored every 1 minute

| Appearance dimension drawing (Unit: mm)

TG765-XT-C

TG765S-XT

TG765G-XT/ZT

TG465G-ZT

| Product specification

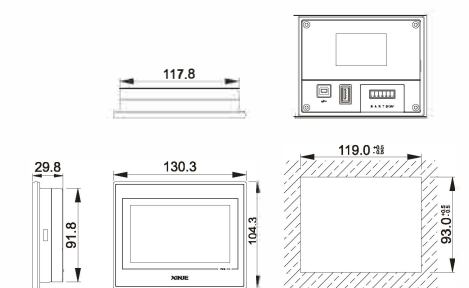| Product model		TG765-XT-C	TG765S-XT	TG765G-XT	TG765G-ZT	TG465G-ZT
Product features	Display size			7"		4.3"
	Resolution			800*480		480*272
	LCD			TFT LCD display, LED backlight		
	Display color	16.77million colors	16.77million colors	16.77 million colors	65535 colors	
	Brightness			200 cd/m²		
	Touch panel			Four-wire resistive touch screen		
	LCD life			Above 50000 hours, ambient temperature 25°C, 24-hour operation		
	Memory	128MB	128MB	128MB		64MB
Interface	PLC port	RS232	RS232	RS232	RS232/RS485	RS485
	Download port	/	RS232	RS232	RS232	RS232
	USB-A port	/	/	/	USB-A(USB2.0standard),USB flash disk port	
	USB-B port			USB-B (USB2.0 standard), USB download port		
	Ethernet port			/		
Electrical features	Input voltage			DC24V (voltage range: DC22V~DC26V)		
	Consumption current			200mA		180mA
	Allowable power loss		Below 10ms (actual power loss less than 1s)		/	
	Withstand voltage shock		AC1000V, 10mA, less than 1 minute		/	
	Insulation resistance		Above10MΩ，DC500V		/	
Environment	Operation temperature			0°C~50°C		
	Storage temperature			-20°C~60°C		
	Operation humidity			10%RH-90%RH (no condensation)		
	Anti-interference ability			Voltage noise: 1500Vp-p, pulse width 1us, 1 minute		
	Air			No corrosive gas		
	Cooling mode			Natural air cooling		
	Protection level			Front cover IP65		
Dimension	External dimension (mm)	200.4*146.9*48.5	206.0*147.0*38.6	206.0*147.0*38.6	206.0*147.0*38.6	130.3*104.3*29.8
	Opening size (mm)		192.0*138.5			119.0*93.0

HMI special for ship navigation

CCSG series   15.6" 10.1" 7"

- Certified by China Classification Society, it is applicable to ships and marine facilities to meet the specific needs of the environment and ensure the stable and reliable operation of the system

| Product specification

	Product model		CCSG-C65ET	CCSG-A62MT CCSG-A62ET	CCSG-765MT CCSG-765UT CCSG-765ET
Product features	Display size		15.6″	10.1″	7″
	Resolution		1366*768	1024*600	800*480
	LCD		TFT LCD display, LED backlight, 16.77 million colors		
	Display color		16.77 million colors		
	Brightness		250 cd/m²	200cd/m²	
	Touch panel		Four-wire resistive touch panel		
	LCD life		Above 50000 hours, ambient temperature 25℃, 24-hour operation		
	Memory		128MB		
Interface	PLC port		RS232/RS422/RS485		
	Download port		RS232/RS485		
	USB-A port		USB flash disk port, USB2.0 standard, UT/ET models support		
	USB-B port		USB download port, USB2.0 standard		
	Ethernet port		Standard RJ45 port, ET models support		
Electrical features	Input voltage		DC24V (voltage range: DC22V~DC26V)		
	Consumption current		730mA	270mA	200mA
	Allowable power loss		Below 10ms (actual power loss less than 1s)		
	Withstand voltage shock		AC1000V, 10mA, less than 1 minute		
	Insulation resistance		Above 10MΩ, DC500V		
Environment	Operation temperature		0℃~50℃		
	Storage temperature		-20℃~60℃		
	Operation humidity		10%RH~90%RH (no condensation)		
	Anti-interference ability		Voltage noise: 1500Vp-p, pulsewidth 1us, 1 minute		
	Air		No corrosive gas		
	Cooling mode		Natural air cooling		
	Protection level		Front cover IP65		
Dimension	External dimension (mm)		410.0*270.0*65.0	278.0*192.3*44.0	207.0*148.0*38.5
	Opening size (mm)		399.0*259.0	260.2*179.7	192.0*138.5

| Appearance dimension drawing (Unit: mm)

CCSG-C65ET

CCSG-A62MT/ET

CCSG-765MT/UT/ET
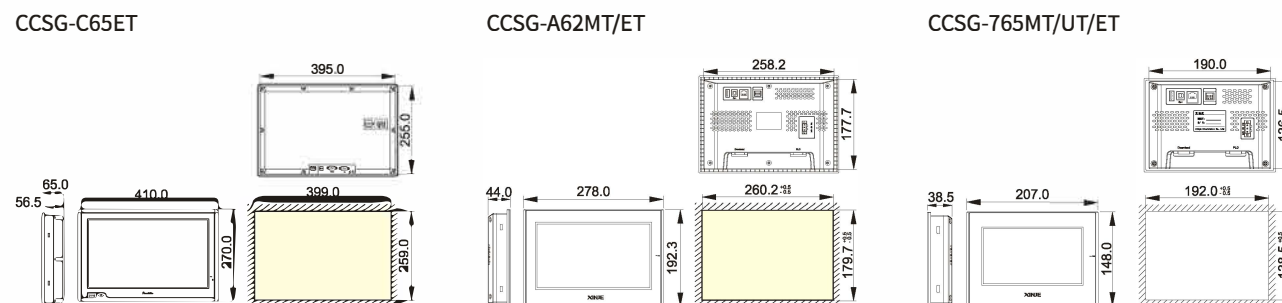
Operate panel

OP series   3.7"

- OP series button type small-sized HMI, small and exquisite appearance
- The key function can be customized and can replace the mechanical button
- It has the basic functions of alarm, password, clock (optional), display bitmap, PLC control screen switching and so on
- Support the mainstream PLC and other control equipment in the market

| Product specification

	Product model	OP330	OP320-A OP320-A-S	OP320 OP320-S
Product features	Display size	3.7″		
	Resolution	192*64		
	LCD	STN		
	Display color	Yellow green color		
	Brightness	Potentiometer adjustable		
	Touch panel	Not support		
	LCD life	Above 20000 hours, ambient temperature 25℃, 24-hour operation		
	Memory	64KB FlashROM		
	Character setting	Chinese, English		
	Character size	Chinese：16*16 32*32 English: 8*16 16*32		
	Button	26	20	7
Interface	Communication port	general models support RS232/RS422, (-S) model supports RS232/RS485		
	Download port	RS232		
	USB-A port	/		
	USB-B port	/		
	Ethernet port	/		
Electrical features	Input voltage	DC24V (DC22V~26V)		
	Consumption current	<140mA		
	Allowable power loss	Below 10ms (actual power loss less than 1s)		
	Withstand voltage shock	AC1000V, 10mA, less than 1 minute		
	Insulation resistance	Above10MΩ, DC500V		
Environment	Operation temperature	0℃~50℃		
	Storage temperature	-20℃~60℃		
	Operation humidity	10%RH~90%RH(no condensation)		
	Anti-interference ability	Voltage noise: 1500Vp-p, pulse width 1us, 1 minute		
	Air	No corrosive gas		
	Cooling mode	Natural air cooling		
	Protection level	Front cover IP65		
Dimension	External dimension (mm)	172.0*121.0*56.5	172.0*94.0*30.0	162.0*102.0*38.0
	Opening size (mm)	164.0*113.0	164.2*86.8	156.5*94.0

| Appearance dimension drawing (Unit: mm)
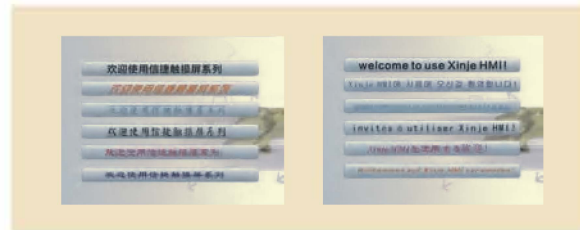
OP330

OP320-A/OP320-A-S

OP320/OP320-S
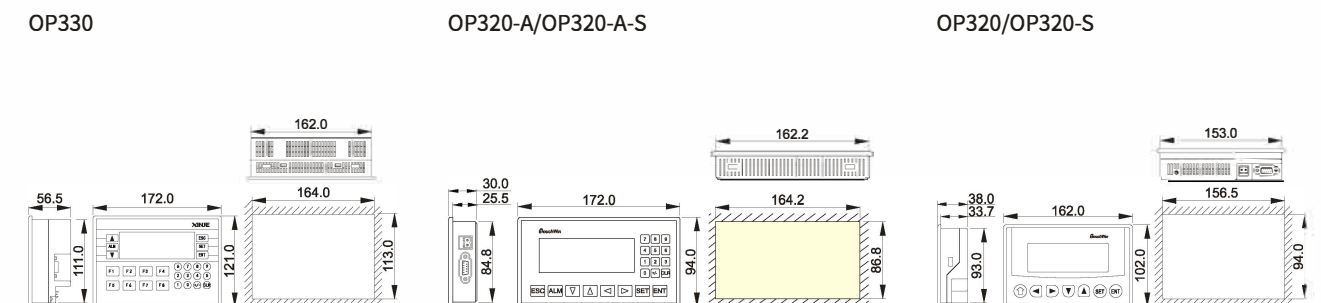
TouchWin

Outstanding picture expressiveness

■ Rich 3D gallery and components resources

■ Support multiple languages and simple switching

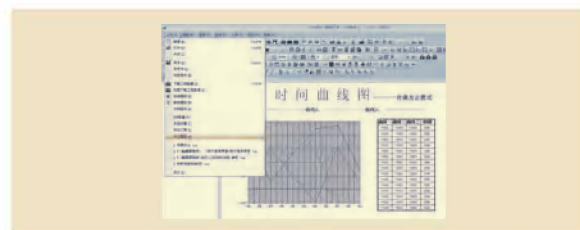### ■ Program confidentiality function

Encrypted save

■ Various character forms

■ New animation editing method, rich performance

Rotate animation   Translating animation
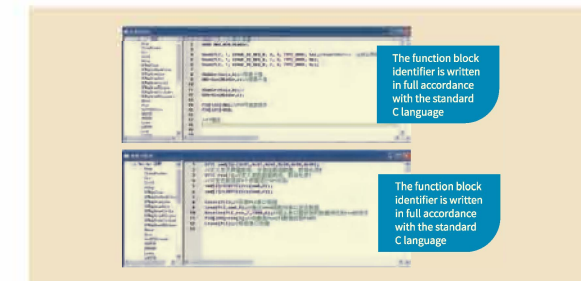
■ Translating animation

Rich functional components

C language function block, operation, command and communication are omnipotent

• C language function block meets more complex computing and communication needs, give full play to the system functions and better serve customers.

■ Support most standard C functions

■ The function can be encrypted separately. You need to enter a password to view the function content, which protects the rights and interests of usersguage

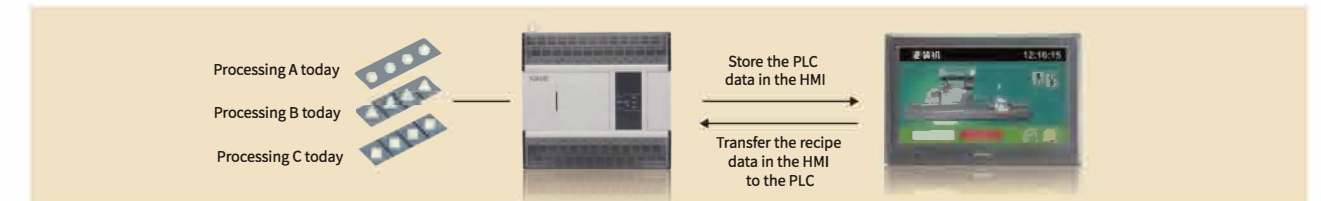## Strong data processing capability

■ Process control data acquisition function, and the trend chart display is more intuitive

■ The alarm function allows the system to recover quickly

■ The storage and bidirectional transmission of recipe data greatly improve the work efficiency

Processing A today
Processing B today
Processing C today

Store the PLC data in the HMI

Transfer the recipe data in the HMI to the PLC

■ Export CSV format data through USB flash disk, backup important data