

## IT6000 Series HMI

### High Performance & Smart HMI

#### Features & Functions

- 4.3", 7.0" and 10.1" models
- 24-bit true color fidelity display
- Alarm bar/Alarm list and Event list
- Macro, flexible implementation of complex Functions
- Recipe data import & export
- Data sample
- Trend chart display
- Up to 8 different languages can be edited in text label library, such as Chinese, English, Korea, Russian, Thai etc.
- Maximum of 3 Serial ports and 1 Ethernet port
- USB device port: Firmware & Program, History data download/upload to/from PC
- USB host port: Access to U-disk, mouse, keyboard, printer etc
- Supports Ethernet(MODBUS TCP), RS485/RS422/RS232 (MODBUS-RTU)
- Security: 12 passwords, 12 users, 6 level authorities
- InoTouch Editor Functions:
  - Extensive gallery/icons
  - Offline & Online Simulation

Easy debugging: user can debug the PLC without disconnecting the cable between HMI and PLC, cable between PC and HMI, which saves time

Operation in high ambient temperature

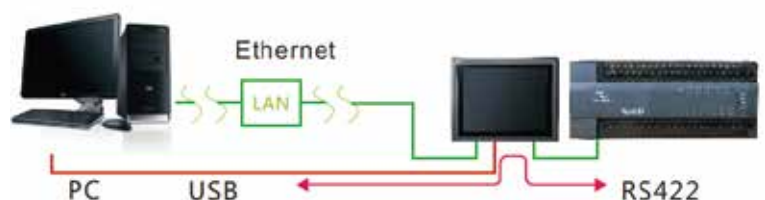


In-built multiple communication ports including Ethernet, Serial, USB ports, supporting program download/upload via USB/Ethernet ports

PC-Based Software-InoTouch Editor easy programming tool Support Win10/Win7/WinXP



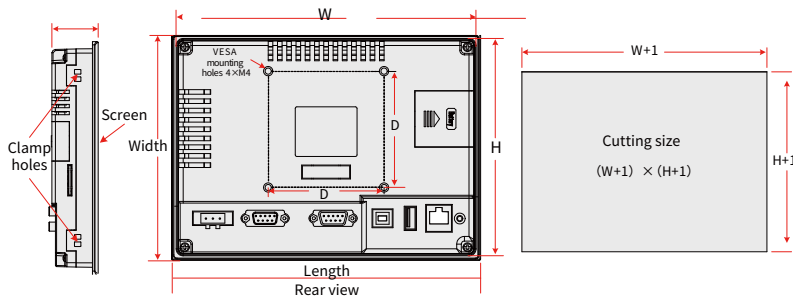
Pass-through Communication Function: HMI as an intermediary connecting with PC and PLC, thus PC can directly access to PLC through HMI, which facilitates debugging.



## Specifications

Model: ITXXXXT/E-INT		IT6043T	IT6070T	IT6070E	IT6100E
Dimension	Height	[H] : 102mm	[H] : 146mm	[H] : 213mm	[H] : 213mm
	Width	[W] : 128 mm	[W] : 200 mm	[W] : 271mm	[W] : 271mm
	Depth	[D] : 35 mm	[D] : 42 mm	[D] : 40mm	[D] : 40mm
Power Supply		24VDC(±20%)			
Battery		Lithium, 3.0V-210mAh			
Display Section	Screen Size	4.3"	7.0"	10.1"	
	Resolution	480 x 272	800 x 480	1024 x 600	
	Display Color	2 <sup>24</sup> color			
	Backlight Adjustment	Standard			
	Backlight Source	LED			
	Backlight Life	30000hrs			
User Memory	Flash	128MB			
	SDRAM	128MB DDR3			
	Recipe Storage	256KB			
In-built Port	Serial Port	COM1(RS422/RS485) COM2(RS232) COM3(RS485)	COM1 (RS422/RS485)	COM1(RS422/RS485), COM2(RS232), COM3(RS485)	
	Ethernet Port	N/A	N/A	RJ45	
	USB(Host)	N/A	Type A		
	USB(Device)	Type B	Type B		

## Dimensions



## Accessories List

Model	Function description	Part no.
IT5-USB-CAB	The common programming cable of the HMI is USB programming cable with one end of Type A male and the other end of Type B male, length of 2m	15041123
IT5-H2u-CAB	HMI-PLC communication cable, connection of HMI to Inovance PLC, the port of the cable is DB9 male, length of 3m	15041140

For more information, please contact our local offices.

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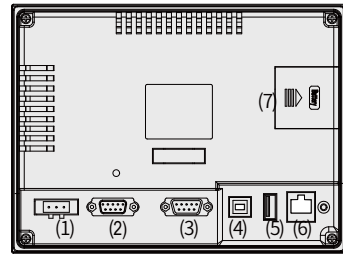
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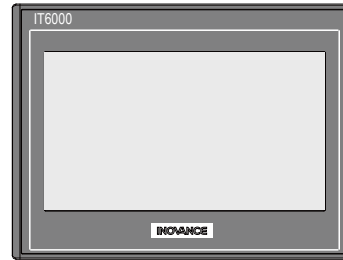
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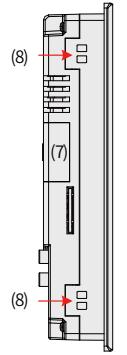
## Product Layout



Back View



Front View



Side View

Terminal No.	Terminal Name	Terminal No.	Terminal Name
(1)	Power port	(2)	COM1/COM3 Serial port(DB9 female)
(3)	COM2 Serial port(DB9 male)	(4)	USB device(Type B)
(5)	USB host(Type A)	(6)	Ethernet port(RJ45)
(7)	Battery cover	(8)	Clamp hole

HMI Model	Display Screen Size	Product Specifications		Recommended Screw Hole Size	
		Physical Dimensions Length x Width x Thickness (mm)	NEMA 4 Mounting W x H (mm)	W + 1 (mm)	H + 1 (mm)
IT6043T	4.3"	128 x 102 x 35	118 x 92	119	93
IT6070T	7.0"	200 x 146 x 42	191 x 137	192	138
IT6070E					
IT6100E	10.1"	271 x 213 x 40	258 x 200	259	201