

IT6000 Series HMI

2nd Generation High Performance

Features & Functions

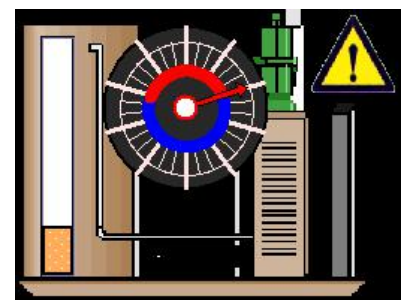
- 4.3", 7.0" and 10.1" inches models
- High resolution display: 1024 x 600
- Up to 8 different languages can be downloaded into the HMI
- Languages supported on the HMI include English, Japanese, Russian, Thai etc.
- Maximum of 3 Serial ports and 1 Ethernet port
- USB device port: Firmware & Program, History data download/upload to/from PC
- USB host port: Access to U-disk, mouse, keyboard, printer etc
- User Memory: 128 MB Flash & 128MB DDR3 SDRAM
- Supports Ethernet(MODBUS-TCP), RS485/RS422/RS232 (MODBUS-RTU)
- Security: 12 passwords, 12 users, 6 level authority
- InoTouch Editor Functions:
 - Extensive gallery/icons
 - Offline & Online Simulation
 - Recipe data import & export
 - Data sample
 - Trend chart display

NEW

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

 **55°C_{avg}**



NEW

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

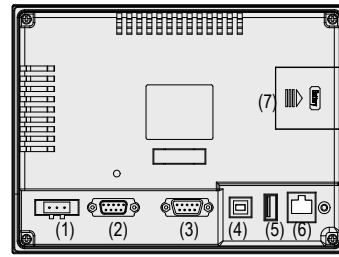
PC-Based Software-InoTouch Editor easy programming tool



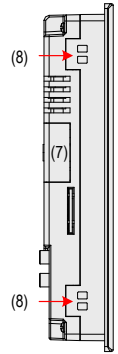
General Specifications

HMI Model		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	480x272	800x480	1024x600	
	Display Color	2 ²⁴ 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		

Product Layout



Back View



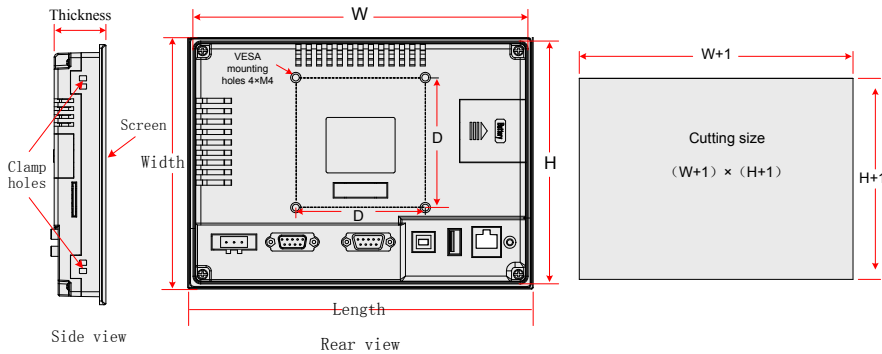
Side View



Front 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

Dimensions



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

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.



Hong Kong SAR
Inovance Automation Co., Limited
International Export Office
Tel : (852) 2751 6080
Fax : (852) 2751 6933
info@inovance-automation.com
www.inovance-automation.com

Italy - Milan
Inovance Automation Italy Srl
Tel : (39) 02 2682 2318
info@inovance-automation.com

India:
Inovance Automation Pvt, Ltd.
Head Office Chennai
Tel : (91) 44 4380 0201
Ahmedabad Tel : (91) 79 4003 4274
Mumbai Tel : (91) 90 0496 0595
New Dehli Tel: (91) 99 9092 8961
info.inovaindia@inovance-automation.com

Turkey - Istanbul
Inovance Automation Türkiye
Tel : (90) 216 706 1789
info.turkey@inovance-automation.com