

Applications

Discrete Manufacturing Markets

HVAC | Water Pump Systems | CNC Machining Tools

Advantages



Up to 400cd/cm² luminance



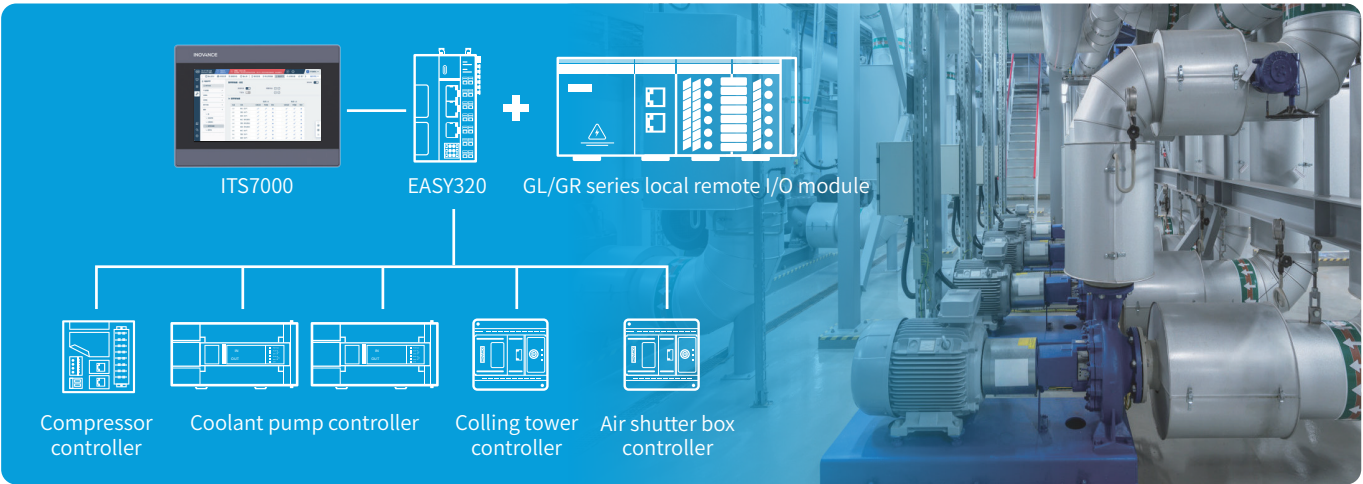
Javascript supported



Million-level data records

Value

- Guaranteed stable performance in most normal conditions
- Edge computing accelerates local data processing
- With secure and reliable analytics



Motion Control Solution

Packaging Machinery-Single-Packaging Unit Applications

Value

- Modulized programming accelerates development by 40%
- Smart OEE analytics streamlines debugging
- 40% higher equipment productivity

Advantages



Tag access communication



Standardized template

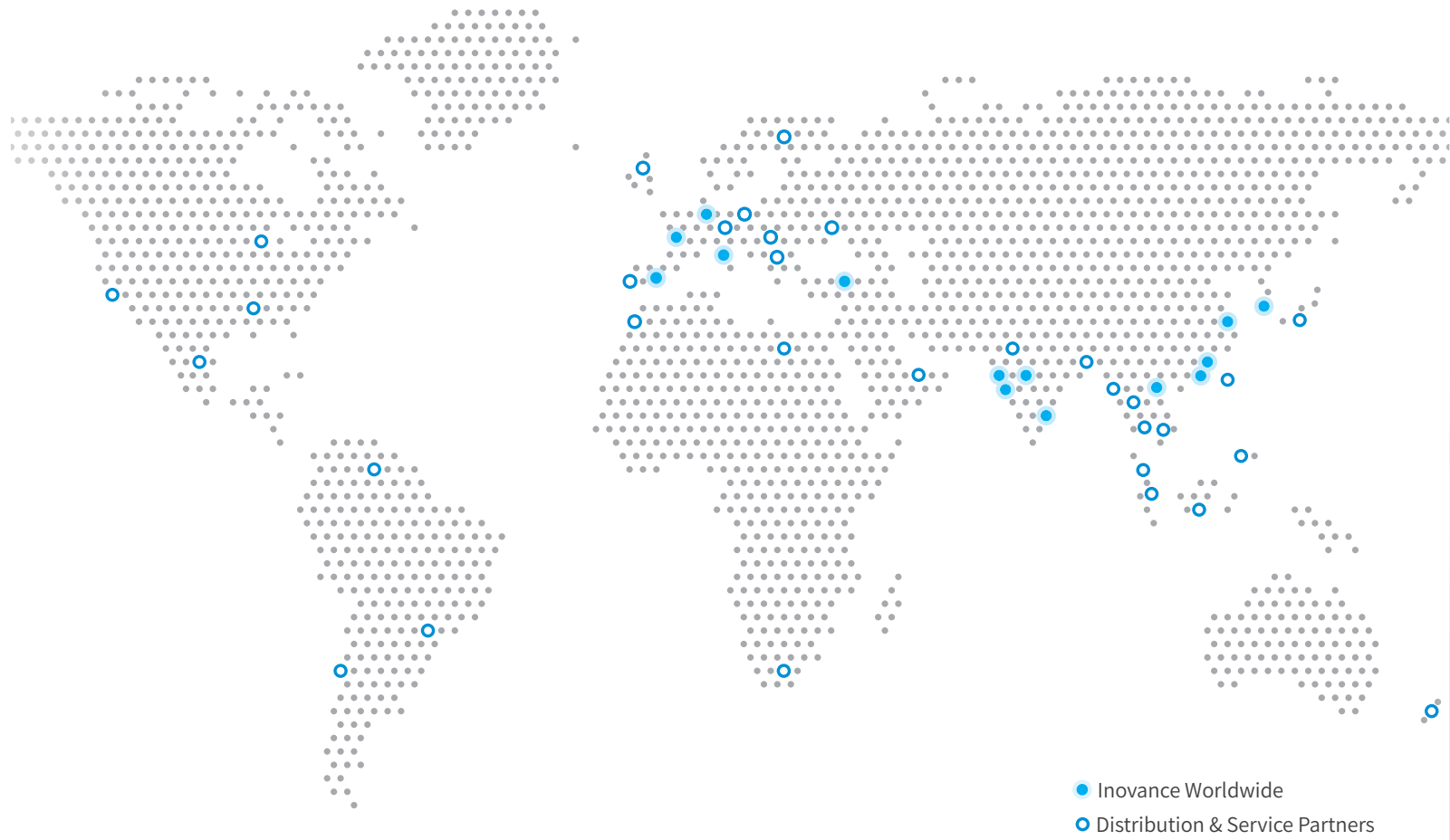


Statistical report generation



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INOVANCE

ITS7000 Series HMI

New generation general purpose, easy integration for industry control system



- Dual-core / Quad-core processor
- IP66 rating (front side)
- 7"& 10.1"& 15.6" display sizes
- Built-in Ethernet and serial ports
- Type-C debug port
- Fastest boot time in 8 seconds, 50% less than last generation



EtherNet/IP



OPC UA



Functions & Features



Functionality

- Supports VNC remote access through mobile devices
- Trend chart & oscilloscope for continuous wave sampling
- Multi-language capability
- Support value alarm, deviation alarm, range alarm, etc.
- Alarm can be pushed by email



Graphical capabilities

- Up to 1024*600 resolution on 7" model (24 bit colours)
- Customizable user interface

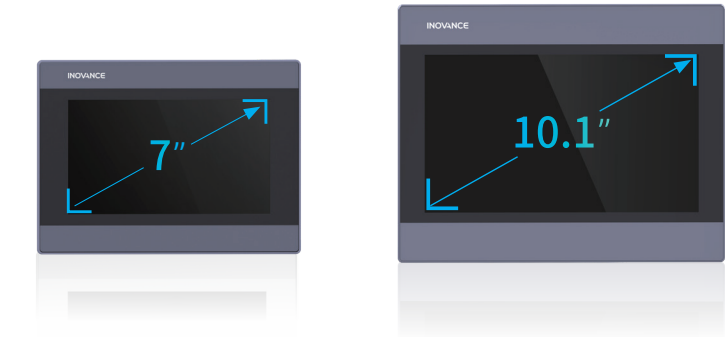


Flexible connectivity

- Serial port and/or Ethernet standalone and multi-device networking
- Supports products from a wide range of 3rd party manufacturers
- Support for OPC UA, EtherNet/IP and Modbus RTU/TCP protocols



- IIoT ready:
MQTT implementation, seamlessly connects to any server



Programming

- User friendly **InoTouchPad** PC configuration software (Windows 11 compatible)



- Javascript and Canvas control for free graphic drawing
- Dedicated communication protocols, & access to external databases



Data management

- **Type-C** port for easy data management
- Maintains comprehensive historical data records
- Support U-disk storage, up to 5 million data records



Easy PLC adaption

- Exclusive tag communication, automatic synchronization
- Axis control and IO control combination binding
- Supports online & offline co-simulation
- Communication with RS485 specified cable
- Type-C port for program upload/download



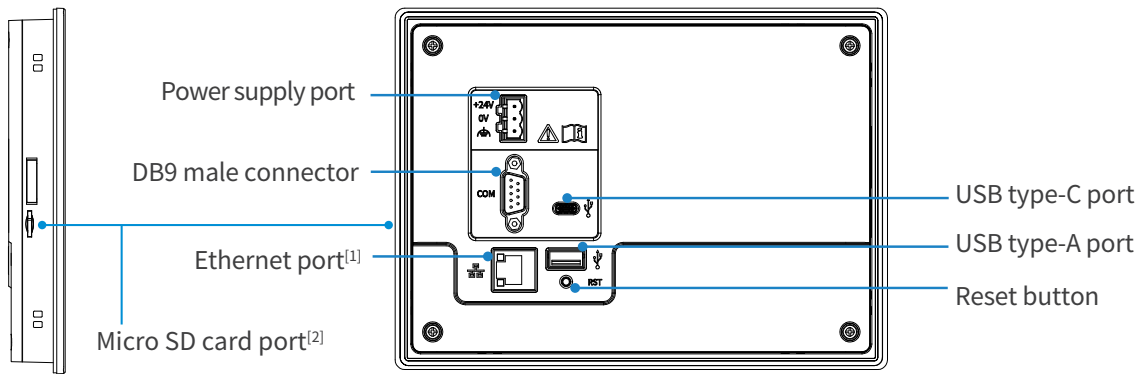
Ordering code

ITS7 070 E H - G - INT
① ② ③ ④ ⑤ ⑥

① Product series ITS: ITS7000 series HMI	④ Resolution None: Standard resolution H: High resolution
② Display size 070: 7" 100: 10.1" 156: 15.6"	⑤ Cover colour G: Light grey None: Dark grey (default)
③ Configuration S: Standard E: Enhanced P: Professional	⑥ Version: INT: International variant

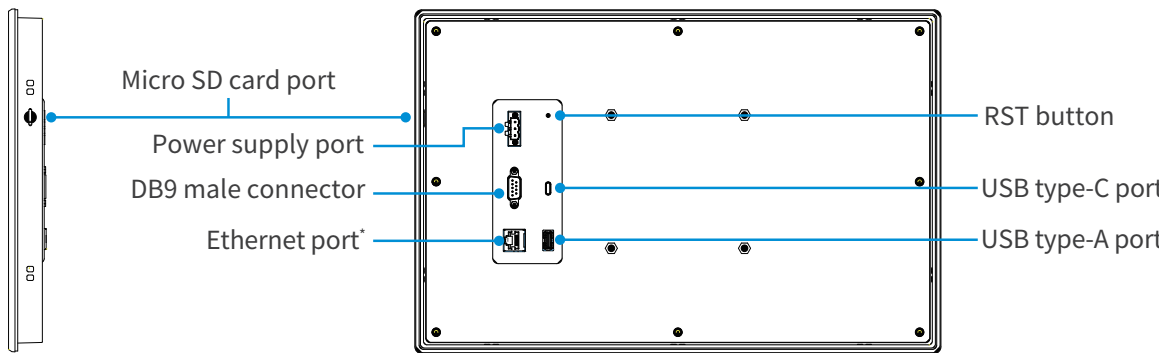
Terminals

ITS7070 / ITS7100



Note: [1]1-No Ethernet port on ITS7070S.
[2] ITS7070 variants don't support.

ITS7156



Specifications

Model	ITS7070S-INT	ITS7070SH-INT	ITS7070E-INT	ITS7070EH-INT	ITS7100P-INT	ITS7156E-INT
	ITS7070S-G-INT	ITS7070SH-G-INT	ITS7070E-G-INT	ITS7070EH-G-INT	ITS7100P-G-INT	
Display size	7.0"				10.1"	15.6"
Resolution	800×480	1024×600	800×480	1024×600	1024×600	1920×1080
Brightness	350cd/m²	400cd/m²	350cd/m²	400cd/m²	350cd/m²	250cd/m²
Display colour	24-bit true colour					
Backlight	LED					
Display type	Landscape / portrait					
Backlight service life	35000H	25000H	35000H	25000H	30000H	30000H
CPU	Dual-core Cortex- A7				Quad-core Cortex -A7	Quad-core Cortex -A7
DRAM	128MB				256MB	512M
Flash	128MB				256MB	8GB
Ethernet interface	/		1		1	1
Serial port	COM1 (RS485/RS422) COM2 (RS232)		COM1 (RS485/RS422) COM2 (RS232) COM3 (RS485)		COM1(RS485/RS422) COM2 (RS232) COM3 (RS485)	COM1 DB9 (RS422/RS485) COM2 DB9 (RS232) COM3 DB9 (RS485)
USB type-C	1					
USB type-A	1					
SD card interface	x				✓	✓
Power	· Input voltage: 24V DC, scope of work 9V DC~28V DC · Rated input current: 360mA				· Input voltage: 24V DC, scope of work 9V DC~28V DC · Rated input current: 450mA	· Input voltage: 24V DC±20% · Rated input current: 600mA
Dimensions (mm)	203×149×33				271×213×33	395×258×28.3
Weight	0.55kg				1.1kg	2kg
IP rating	Front side IP66, back cover IP20					
RTC	✓					

Example system architecture

