Derwent Top 100 Global Innovator 2020

New Handyheld HMI **iXP2H Series**



Clear Visibility

- Excellent visibility with high definition and wide screen view
- 1024 X 600 resolution16M color



Project Transfer

- Easy project creation by XP-Builder
 Convenient downloading/uploading of Project Files via USB port and
- of Project Files via USB port and Ethernet (Multi-language supported)



3 - Position Enable Switch





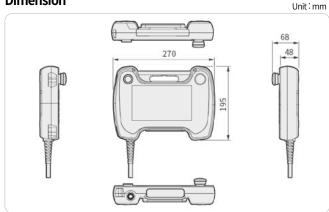


We open up a brighter future through efficient and convenient energy solutions.

Specification

Model		iXP2H-0702D Series	iXP2H-0704D Series	
Display type		TFT color LCD		
Screen size		7"		
Resolution		1024 x 600 pixels		
Color indication		24-bit color (16.7M colors)		
Backlight		LED method, Automatic On/Off support		
Backlight lifetime		50,000 hours		
Touch panel		Resistive overlay (Pressure type)		
Audio		Magnetic buzzer (12Ø 85 dB)		
Processor		ARM Cortex-A9 800 MHz, single core		
Memory	Flash	8 GB (Small memory: 128 MB)		
	Operating RAM	1 GB		
	Backup RAM	1 MB		
Backup type		Date/time data, logging, alarm, recipe data, non-volatile device		
Battery		CR1220 (3.0V/210 mAh, Around 3 years/25°C)		
Ethernet		1 x 10Base-T/100Base-TX		
USB host		1 x USB 2.0 (Below x 1)		
RS-232C		1 x RS-232C (Terminal block)	-	
RS-485		-	1 x RS-485 (Terminal block)	
Multiple languages		Simultaneous display of 12 languages		
Animation		GIF format support		
Recipe		Supported		
Data logging		Supported		
Script launcher		Supported		
Standard certification		CE, KC		
Protection standard		IP42 (Front)		
Dimensions (mm)		195×270×72 (Excluding cables)		
Power		DC 24 V ±5%		
Power consumption (W)		12		
Weight (Kg)		1.0 (Excluding cables)		

Dimension



Product list

Model.	Features	Model.	Features
iXP2H-0702D05	RS-232C, Ethernet, 5m cable	iXP2H-0704D10	RS-485, Ethernet, 10m cable
iXP2H-0702D10	RS-232C, Ethernet, 10m cable	iXP2O-JB0D	Handy Junction box (Conversion Adapter)
iXP2H-0704D05	RS-485, Ethernet, 5m cable		



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System configuration and features



🔟 SD - Card Software update SD memory (store data) 1 Enable Switch Released : Disable Intermediate : Enable Fully Pressed : Disable

Junction box



6 Power terminal block DC 24 V input terminal block

1 TFT-LCD

1024 x 600 TFT LCD, 16.7M color display Resistive overlav

2 Emergency Stop Switch

Immediately stops the control device or turns off the power as a safety feature

3 Left Keypad

Direction key F1, F2, F3: User defined RBG LED: User defined

4 Right Keypad

User defined * Generally used as shortcut key of each axis of robot.

5 Extension device Slot of the USB extension device

- When shipped, it is fastened with a separate cover.
- When used, the cover can be removed with a Phillips head (+) screwdriver for use.

6 Reset Switch

Switch for resetting the system

7 Debug Port

A debugging port for developers

8 USB Host

Connect to USB memory: Backup and send logging, recipe, alarm, and project data.

Connect to user interface: Use the mouse and keyboard.

USB Device(option)

USB device port (unsupported)

1 Ethernet Port

Ethernet: 10Base-T/100Base-TX/1000Base-T Connector for Ethernet connection

2 Serial terminal block

- RS-485/232C communication connector • 0702D(for RS-232 model): Tx, Rx, GND
- 0704D(for RS-485 model): TRx+, TRx-

3 N.C Not used

4 Switch 1 terminal block

Signal that is controlled from the front side switch of the product. • Enable, Emergency (A contact, B contact) switch

5 Switch 2 terminal block

Signal that is controlled from the front side switch of the product.

 Enable, Emergency (A contact, B contact) switch

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According to The WEEE Directive, please do not discard the device with your household waste.



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