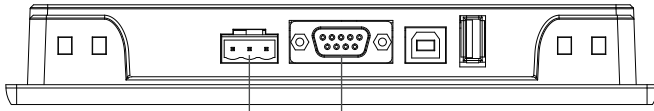
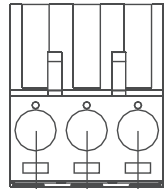
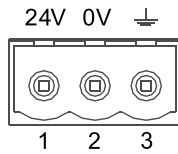


## Port Description / 連接埠說明 / 连接埠说明

### A2070 / K2070

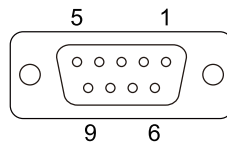


Power Connector /  
 電源端子 / 电源端子



+24 VDC L+ Common M FG

COM 1&2&3 DB9 Female /  
 COM 1&2&3 DB9 母座



Standard Model / 標準品 / 标准品:  
 A/K2070-C20 | A/K2100-C20

\*COM2 Optional /  
 COM2選購 / COM2选购

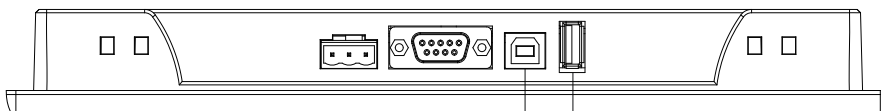
Pin	COM1	COM2 (Q)	COM2 (S)
1		RS-485+	RS-422 TX+ / RS-485+
2	RS-232 RX		
3	RS-232 TX		
4			RS-422 RX+
5	SG		
6		RS-485-	RS-422 TX- / RS-485-
7			
8			
9			RS-422 RX-

Standard Model / 標準品 / 标准品:  
 A/K2070-C30 | A/K2100-C30

\*COM3 Optional /  
 COM3選購 / COM3选购

Pin	COM1	COM2	COM3 (S)	COM3 (R)
1		RS-422 TX+ / RS-485+		
2	RS-232 RX			
3	RS-232 TX			
4		RS-422 RX+		
5	SG			
6		RS-422 TX- / RS-485-		
7			RS-485-	RS-232TX
8			RS-485+	RS-232RX
9		RS-422 RX-		

### A2100 / K2100

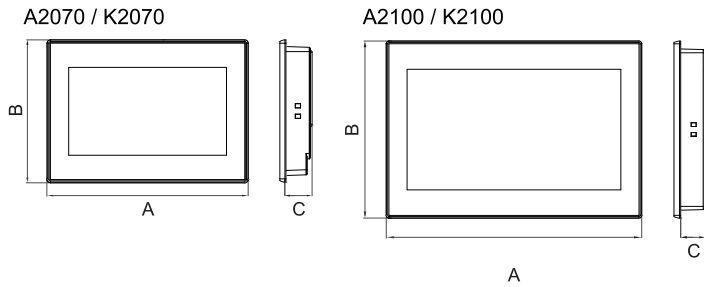


USB Client /  
 USB 從接口 / USB 从接口

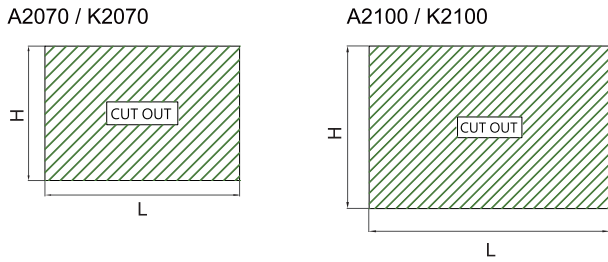
USB Host /  
 USB 主接口

# A2070 / A2100 / K2070 / K2100

## Outlet / 外觀尺寸 / 外观尺寸



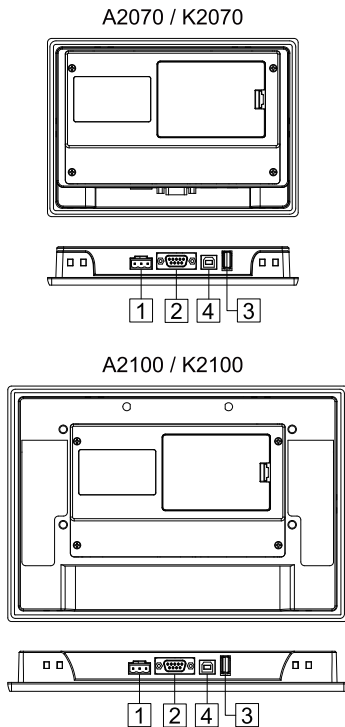
## Cutout / 開孔尺寸 / 开孔尺寸



Model	A	B	C	L	H
A2070 / K2070	197.1 mm	140.1 mm	25.8 mm	185 mm	128 mm
A2100 / K2100	267.1 mm	185.1 mm	26.2 mm	252 mm	170 mm

1

## Function View / 功能配置圖 / 功能配置图



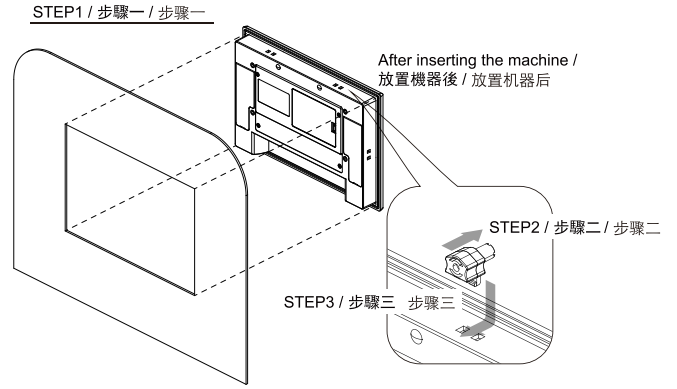
## Parts Introduction / 裝置介紹 / 装置介绍

- ① Power Connector / 電源端子 / 电源端子
- ② COM 1&2&3 DB9 Female / COM 1&2&3 DB9 母座
- ③ USB Host / USB 主接口
- ④ USB Client / USB 從接口 / USB 从接口

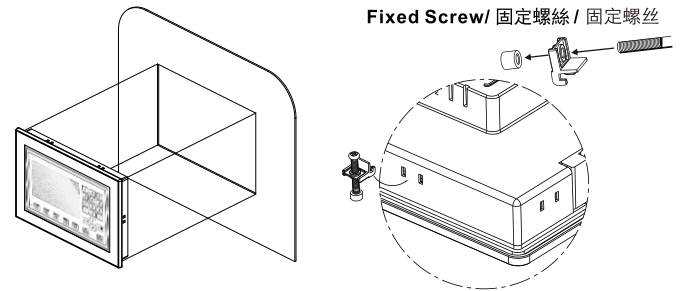
3

## Installation Drawing / 安裝示意圖 / 安装示意图

### Plastic Locks / 塑膠安裝鎖具 / 塑料安装锁具



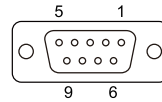
### Metal Locks / 金屬安裝鎖具 / 金属安装锁具



**⚠** Tighten each fixing screw until the bezel corner gets in contact with the panel.  
使用固定螺絲固定時請注意不要鎖太緊，以避免壓迫造成其他問題 /  
使用固定螺丝固定时请注意不要锁太紧，以避免压迫造成其他问题  
Suggested torque for fixing screws: 0.25~0.34Nm /  
固定螺絲扭力建議值: 0.25~0.34Nm / 固定螺丝扭力建议值: 0.25~0.34Nm

2

## Pin Assignment of Serial Port / 串口接腳定義 / 串口接脚定义



COM 1&2&3 DB9 Female /  
COM 1&2&3 DB9 母座

Standard Model / 標準品 / 标准品:  
A/K2070-C20 | A/K2100-C20

\*COM2 Optional /  
COM2選購 / COM2选购

Pin	COM1	COM2 (Q)	COM2 (S)
1		RS-485+	RS-422 TX+ / RS-485+
2	RS-232 RX		
3	RS-232 TX		
4			RS-422 RX+
5	SG		
6		RS-485-	RS-422 TX- / RS-485-
7			
8			
9			RS-422 RX-

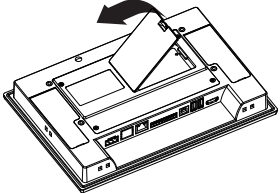
Standard Model / 標準品 / 标准品:  
A/K2070-C30 | A/K2100-C30

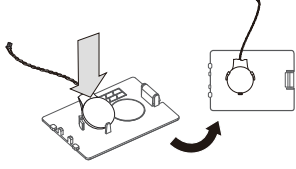
\*COM3 Optional /  
COM3選購 / COM3选购

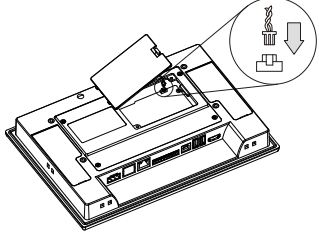
Pin	COM1	COM2	COM3 (S)	COM3 (R)
1		RS-422 TX+ / RS-485+		
2	RS-232 RX			
3	RS-232 TX			
4		RS-422 RX+		
5	SG			
6		RS-422 TX- / RS-485-		
7			RS-485-	RS-232TX
8			RS-485+	RS-232RX
9		RS-422 RX-		

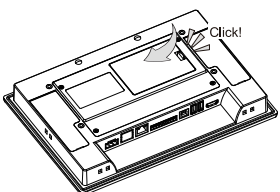
4

## External Battery Installation / 外接電池安裝示意 / 外接電池安裝示意

- 

Open the battery cover. / 掀開電池蓋 / 掀开电池盖
- 

Place the battery in the correct direction and fix the external battery on the back of battery cover as shown. / 將外接電池依圖示方向固定於電池蓋背後位置 / 將外接電池依圖示方向固定于电池盖背后位置
- 

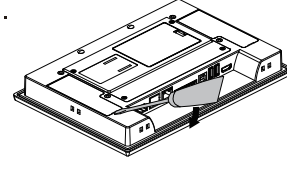
Plug in the JST PH connector of external battery into the socket. / 將外接電池接頭插入電池插座 / 將外接電池接頭插入电池插座
- 

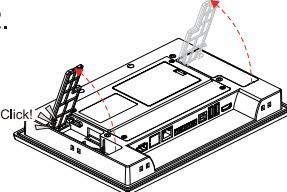
Replace the battery cover and press it down until it clicks into place. / 蓋回電池蓋並確認固定即完成 / 盖回电池盖并确认固定即完成

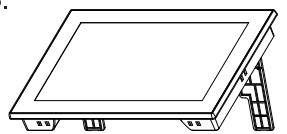
5

## Built-in stand / 內置支架

10" HMI Only / 僅限10吋人機 / 仅限10吋屏

- 

Use a flat-blade screwdriver to open the back cover of the stand. / 使用一字起子將支撐腳後蓋開啟 / 使用一字起子将支撑脚后盖开启
- 

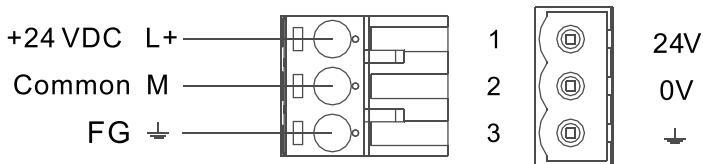
Open until the back cover is in place, and the other side is the same. / 開啟至後蓋至固定位置，另一側亦同 / 开启至后盖至固定位置，另一側亦同
- 


After completion, it will be able to stand and use. / 完成後將可站立、使用 / 完成后将可站立、使用。


6

## Power Supply / 電源供應 / 电源供应

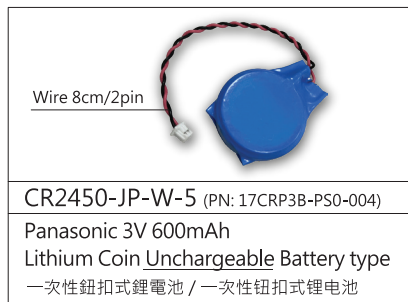
 Powered by a Low Voltage / Limited Energy power source. / 以低電壓提供電力/限制能源電源 / 以低电压提供电力/限制能源电源




 Do not open the rear cover of the panel when power is applied. / 電源送電時請勿開啟後殼 / 电源送电时请勿开启后壳

 Be sure that the power supply has enough power capacity for the operation of the equipment. / 送電時請確定電源設備的電源能力符合產品硬體規範。 / 送电时请确定电源设备的电源能力符合产品硬件规范。

## Battery Recycling / 電池處置 / 电池处置



 Dispose of batteries according to local regulations. / 廢棄電池的處置請依據使用者所在地之規範辦理廢棄電池處置方式。 / 废弃电池的处置请依据使用者所在地对废弃电池处置方式办理。

7

## CE Certification

This automation system has reached the general and safety-related requirements of the following EC regulations, and complies with the requirements published in the Official Journal of the European Standard (EN) for Program Logic Controller:

- IEC61000-6-2 & IEC61000-6-4

## FCC Certification

FCC (Federal Communications Commission), established in 1934, is an independent agency of the US government and is directly responsible to Congress. The main purpose of FCC certification is to coordinate domestic and international communications and control radio broadcasting, television, telecommunications, satellites and cables. The so-called "control" is actually to ensure the safety of radio and wire communication products related to life and property, such as computers, fax machines, electronic devices, radio receiving and transmission equipment, radio remote control toys and other products.

If radio application products and communication products are sold to the US, they must be tested in a laboratory authorized by the government in accordance with the technical standards certified by the FCC. To ensure that products comply with electromagnetic compatibility certification, each radio frequency device declared by importers and customs agents must comply with FCC standards in order to pass FCC certification.

- FCC 47 CFR part 15 Subpart B, ICES-003 Issue 6-2016 ANSI C63.4-2014

## CE 認證

此自動化系統已達下列 EC 法規之一般與安全性相關的要求，而且符合歐盟正式公報所刊之可程式邏輯控制器的歐洲標準 (EN)：

- IEC61000-6-2 & IEC61000-6-4

## FCC 認證

FCC：美國聯邦通訊委員會(Federal Communications Commission)的縮寫，成立於1934年，屬於美國政府的獨立機構，直接對國會負責。FCC認證最主要的目的是協調國內和國際的通信，控制無線電廣播、電視、電信、衛星和電纜。而所謂的「控制」，其實就是確保與生命財產有關的無線電和電線通信產品的安全性，例如：電腦、傳真機、電子裝置、無線電接收和傳輸設備、無線電遙控玩具等產品。

無線電應用產品、通訊產品若銷售至美國，須依照FCC認證的技術標準，到政府授權的實驗室進行檢測。以確保產品符合電磁兼容性認證，進口商和海關代理人所申報的每個無線電頻率裝置都必須符合FCC標準才能通過FCC認證。

- FCC 47 CFR part 15 Subpart B, ICES-003 Issue 6-2016 ANSI C63.4-2014

## CE 认证

此自动化系统已達下列 EC 法規之一般與安全性相關的要求，而且符合歐盟正式公報所刊之可程式邏輯控制器的歐洲標準 (EN)：

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無線電應用產品、通訊產品若銷售至美國，須依照FCC認證的技術標準，到政府授權的實驗室進行檢測。以確保產品符合電磁兼容性認證，進口商和海關代理人所申報的每個調頻裝置都必須符合FCC標準才能通過FCC認證。

- FCC 47 CFR part 15 Subpart B, ICES-003 Issue 6-2016 ANSI C63.4-2014

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