



WISE-2241M/WISE-2246M Quick Start

v1.0, April 2019

Technical Support

WISE-2241M / WISE-2246M User Manual:

<http://wise.icpdas.com/Download.html>

ftp://ftp.icpdas.com/pub/cd/wise_cd/

WISE-2241M / WISE-2246M Website:

<http://wise.icpdas.com>

What's In the Box?

In addition to this document, the package includes the following items:



WISE-2241M
or
WISE-2246M



microSD card and
micro SD/SD adapter



Screw Driver
2.4mm (1C016)

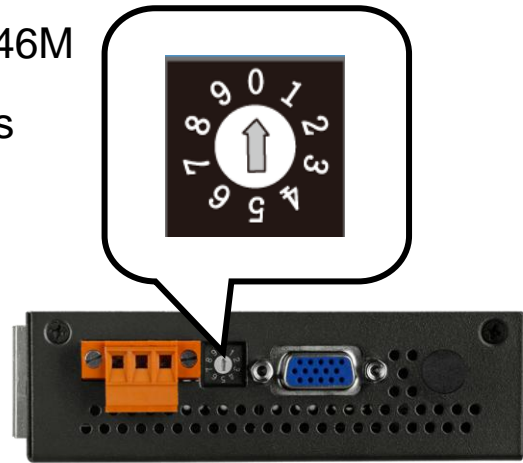


Pin Terminal * 16

1

Configuring the boot mode

Before starting WISE-2241M / WISE-2246M at the first time, be sure that the switch is placed in the "0" position.

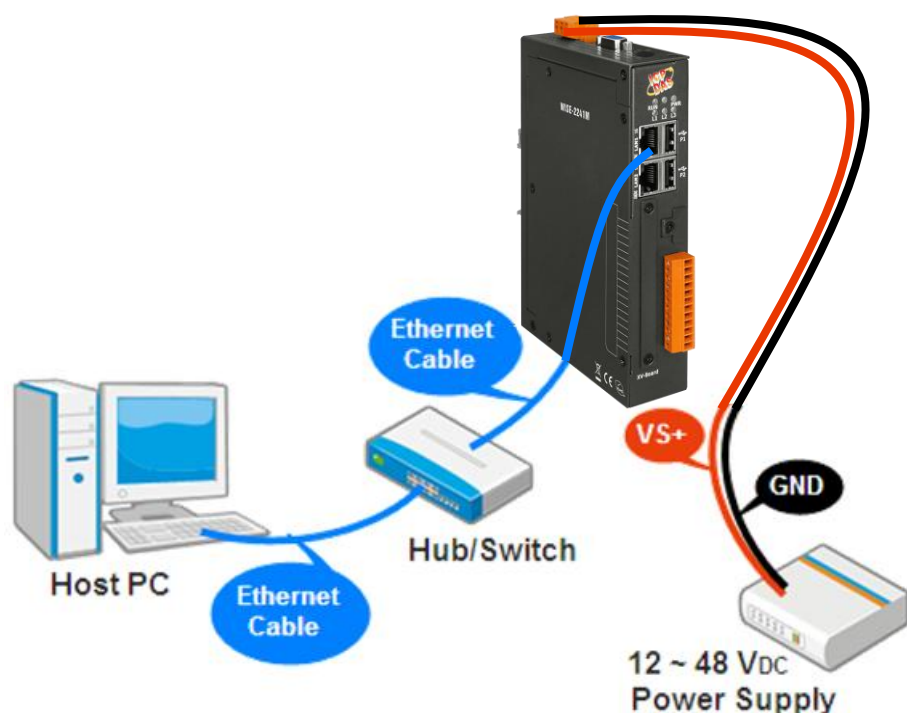


2

Connect to PC, Network and Power

The WISE-2241M / WISE-2246M is equipped with an RJ-45 Ethernet port for connection to an Ethernet hub/switch and PC. You can also link directly the WISE-2241M / WISE-2246M to PC with an Ethernet cable.

After power is connected, please wait one minute for WISE-2241M / WISE-2246M start-up procedure. When the "RUN" light starts flashing, it represents the boot is complete.



3

Using Browser to Assign a New IP

The WISE-2241M / WISE-2246M is an Ethernet controller, which comes with a default IP setting; therefore, you must first assign a new IP setting to the LAN1 port of WISE-2241M / WISE-2246M. The factory default IP settings of WISE-2241M / WISE-2246M are as follows:

Item	Default
IP Address	192.168.255.1
Subnet Mask	255.255.0.0
Gateway	192.168.0.1
DNS Server	8.8.8.8(Default: Google DNS Server)

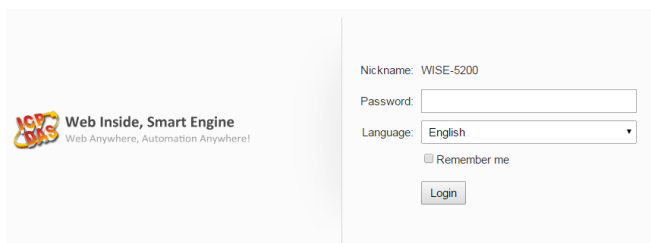
Follow the following steps for WISE-2241M/WISE-2246M new IP setting:

Step1: Change the PC's IP setting same as WISE-2241M/WISE-2246M's IP domain. For example, set PC's IP as 192.168.255.10.

Step2: Make sure the PC and WISE-2241M / WISE-2246M is connecting through Ethernet.

Step3: Open a PC side browser, and type in the URL address (http://192.168.255.1) of the WISE-2241M / WISE-2246M to connect the Web Server in WISE-2241M / WISE-2246M.

Step4: Use default Administrator password "Admin" to login the system.



Step5: Please follow the sequence【 System Setting 】→【 Network Setting 】→ 【 Network Setting(LAN1) 】 to change the IP setting of WISE-2241M / WISE-2246M.

Step6: After complete the IP setting, please save it, and then the new IP setting will take effect.

4 Go to WISE-2241M / WISE-2246M Web Site to edit Control Logic

Please follow the steps below to implement IF-THEN-ELSE control logic on ICP DAS WISE-2241M / WISE-2246M controllers:

Step1: Open a browser, and type in the URL address of the WISE-2241M / WISE-2246M.

Open a browser and type in the URL address(The new IP setting) of the WISE-2241M / WISE-2246M in the address bar. Make sure the IP address is accurate.

Step2: Get on the WISE-2241M / WISE-2246M web site.

Get on the WISE-2241M / WISE-2246M web site. Login with the default password “Admin”. Implement the control logic configuration in the order: 【 Module Setting 】→【 Advanced Setting 】→【 Rule Setting 】→ 【 Save 】 , then complete the IF-THEN-ELSE rule editing.

Step3: For more detail information, please refer to WISE-2241M / WISE-2246M User Manual.



WISE-2241M/WISE-2246M 快速上手指南

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技術支援

WISE-2241M / WISE-2246M 使用手冊：

<http://wise.icpdas.com/Download.html>

ftp://ftp.icpdas.com/pub/cd/wise_cd/

WISE-2241M / WISE-2246M 產品網頁：

<http://wise.icpdas.com>

產品內容

除了本『快速上手指南』外，此產品內容還包括以下配件：



WISE-2241M
or
WISE-2246M



microSD 卡及
micro SD/SD 轉接卡



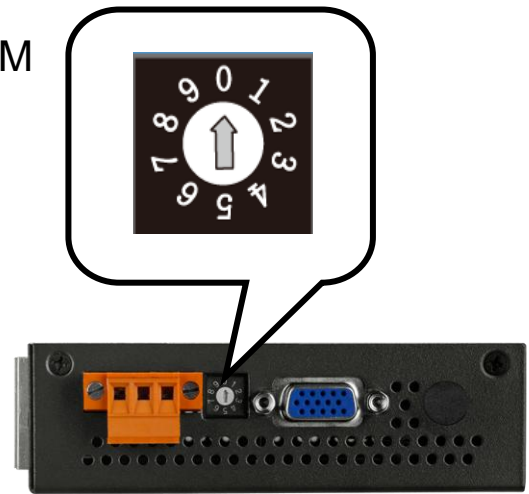
螺絲起子 2.4mm
(1C016)



歐式壓著端子 * 16

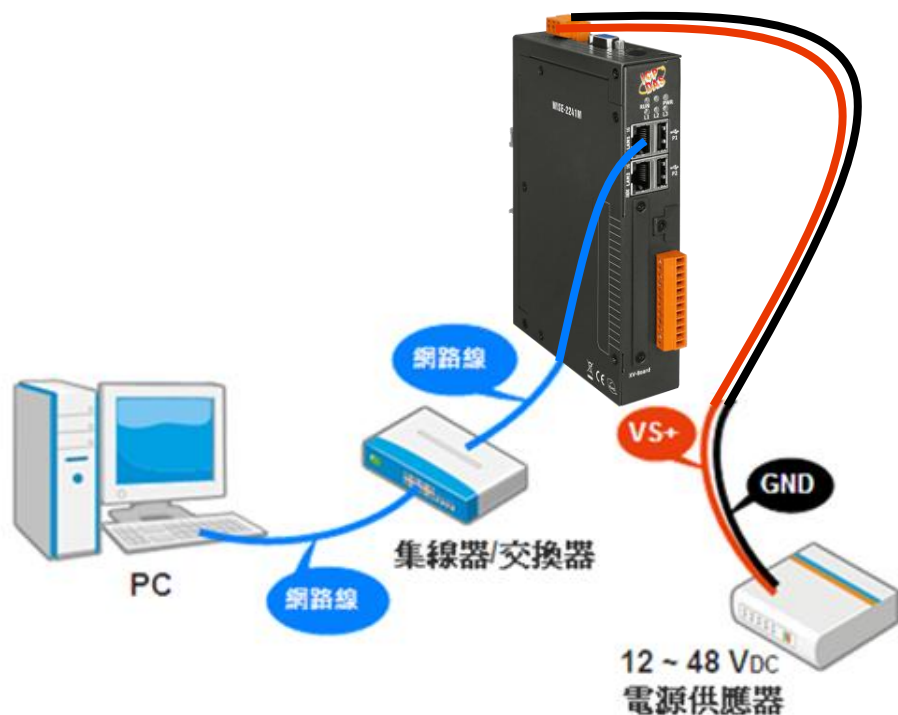
1 檢視啟動模式

在第一次啟動 WISE-2241M / WISE-2246M 前，請先確認旋轉式開關的位置在“0”。



2 連接 PC 主機、網路及電源

WISE-2241M / WISE-2246M 配有標準的網路接口 RJ-45，可透過網路集線器/交換器與 PC 連接，也可直接連到 PC 的網路接口。接上電源後，**WISE-2241M / WISE-2246M 開機程序須等待約一分鐘，待"RUN"燈開始閃爍則代表開機完成，可進行連線與設定。**



3

設定 WISE-2241M / WISE-2246M 的 IP 位址

WISE-2241M / WISE-2246M 在出廠時會統一預設網路設定值，使用者可以依照下列步驟自行變更網路設定。LAN1 網路出廠預設值為：

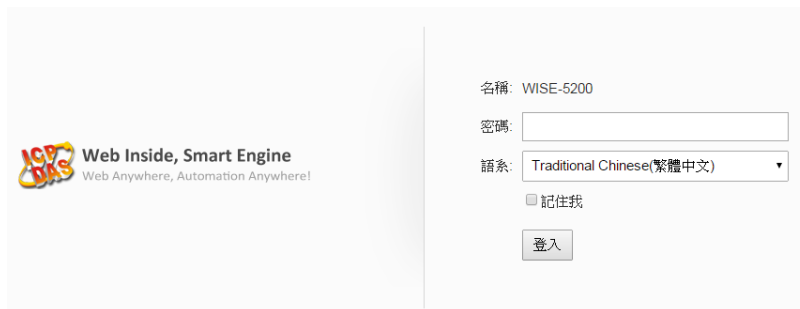
項目	預設值
IP 位址	192.168.255.1
子網路遮罩 (Subnet Mask)	255.255.0.0
通訊閘道 (Gateway)	192.168.0.1
DNS Server	8.8.8.8(預設為 Google DNS Server)

步驟 1：將 PC 的網路設定更改為與 WISE-2241M / WISE-2246M 相同網路區段。例如 IP：192.168.255.10

步驟 2：確認 WISE-2241M / WISE-2246M 與 PC 已透過網路正確連接。

步驟 3：開啟 PC 端的瀏覽器並於網址列輸入 <http://192.168.255.1>。

步驟 4：輸入管理者預設密碼“Admin”進行登入。



步驟 5：登入成功後至【系統參數設定】→【網路設定】→【網路設定(LAN1)】，根據實際網路環境更改網路設定。



步驟 6：儲存成功後將 WISE-2241M/WISE-2246M 連接實際網路環境。

4

前往 WISE-2241M / WISE-2246M 網頁進行邏輯規則設定

使用者透過 WISE-2241M / WISE-2246M 所提供的網頁，只需使用滑鼠點選設定，即可完成控制器上的 I/O 模組連接與工作邏輯的規劃。

步驟 1：開啟瀏覽器，填入 WISE 模組 IP 作為瀏覽器的 URL 位址

開啟電腦上的瀏覽器，輸入 WISE-2241M / WISE-2246M 的 IP 作為 URL 位址(如有重新設定 IP，請確認所輸入 IP 是否正確)。

步驟 2：進入 WISE-2241M / WISE-2246M 的設定頁面

進入 WISE-2241M / WISE-2246M 所提供的參數設定頁面，使用預設密碼“Admin”登入後，僅需依照首頁上的設定流程：【模組設定】→【進階功能設定】→【邏輯規則設定】→【寫入設定】，即可完成 WISE 控制器的邏輯規則編排。

The screenshot displays the 'Web Inside, Smart Engine' interface for a WISE-5200 controller. The page title is '系統參數設定頁面' (System Parameter Setting Page). The interface is divided into several sections:

- 時間設定 (Time Setting):** Includes fields for '日期與時間' (Date and Time) with values '日期: 2015/03/09' and '時間: 15:10:44', and a '時間校時' (Time Synchronization) button. The '功能狀態' (Function Status) is set to '停用' (Disabled).
- 網路設定 (Network Setting):** Shows 'LAN1' configuration with IP: 192.168.100.102, 子網: 255.255.255.0, 閘道: 192.168.100.254, and DNS伺服器IP: 168.95.192.1. Below this is a '連接埠' (Port) section for '網頁伺服器連接埠' (Web Server Port) set to 80, 'Modbus TCP連接埠' (Modbus TCP Port) set to 502, and 'Modbus NetID' set to 1. There is also a section for '動態網域名稱系統 (DDNS)' (Dynamic DNS) with '服務1' (Service 1) and '服務2' (Service 2) both set to '停用' (Disabled).
- 安全設定 (Security Setting):** Includes '本機FTP伺服器' (Local FTP Server) set to '啟用' (Enabled) and '閒置時間' (Idle Time) set to '60分鐘' (60 minutes).
- COM Port介面設定 (COM Port Interface Setting):** Shows settings for three COM ports:
 - COM2:** 功能 (Function) set to '停用' (Disabled).
 - COM3:** 功能 (Function) set to '連接Modbus RTU設備' (Connect Modbus RTU Device), Baudrate: 115200 bps, Parity: None, Stop bits: 1, 指令間隔時間 (Command Interval Time): 15 毫秒 (15 ms).
 - COM4:** 功能 (Function) set to '連接DCON設備' (Connect DCON Device), Baudrate: 9600 bps, Parity: None, Stop bits: 1, 連線逾時 (Connection Timeout): 300 毫秒 (300 ms), Checksum: 1.

步驟 3：設定流程的細節，請參照 WISE-2241M / WISE-2246M 操作手冊