

ARAID SNMP Agent 安裝教學

※ARAID SNMP Agent 軟體,需安裝在 ARAID 的 PC 上。

一、安裝 ARAID SNMP Agent 軟體

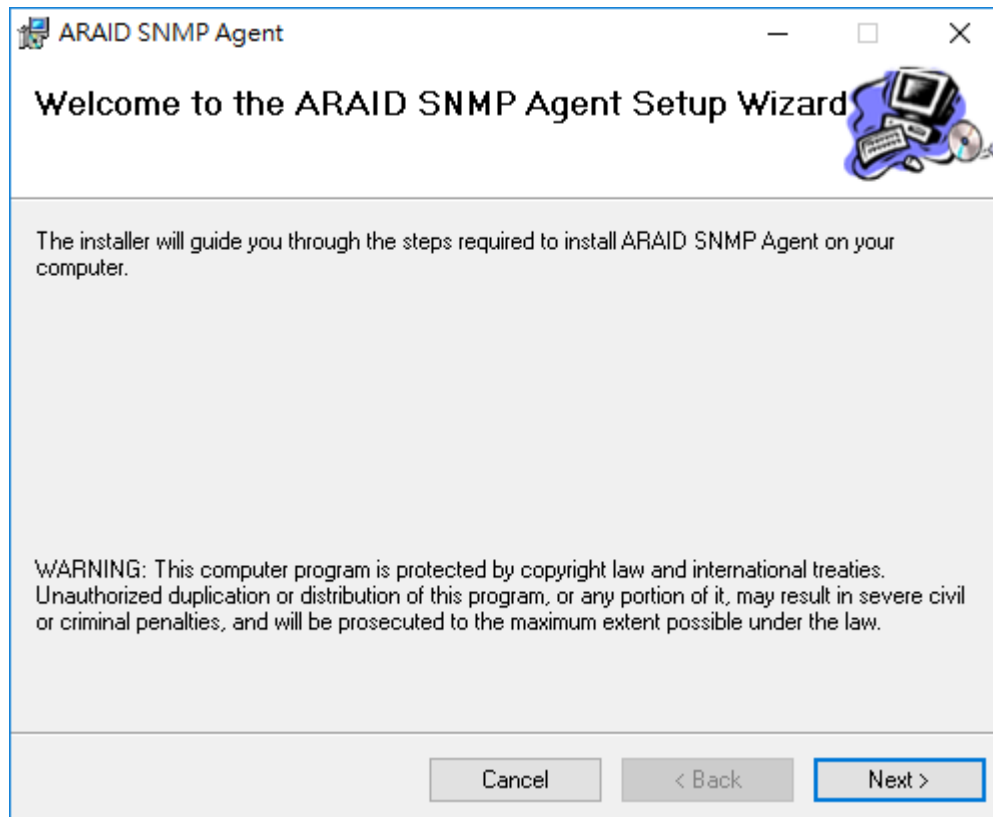
點選 ARAID 光碟內的 ARAID SNMP 資料夾的 Setup.exe。

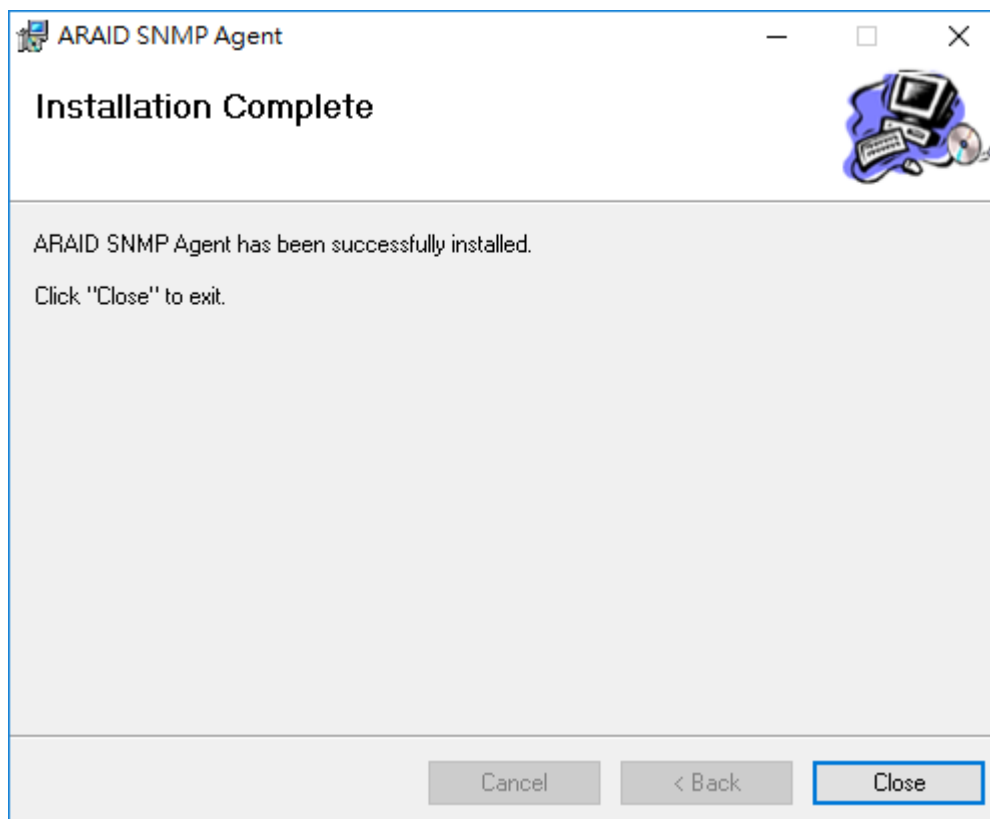
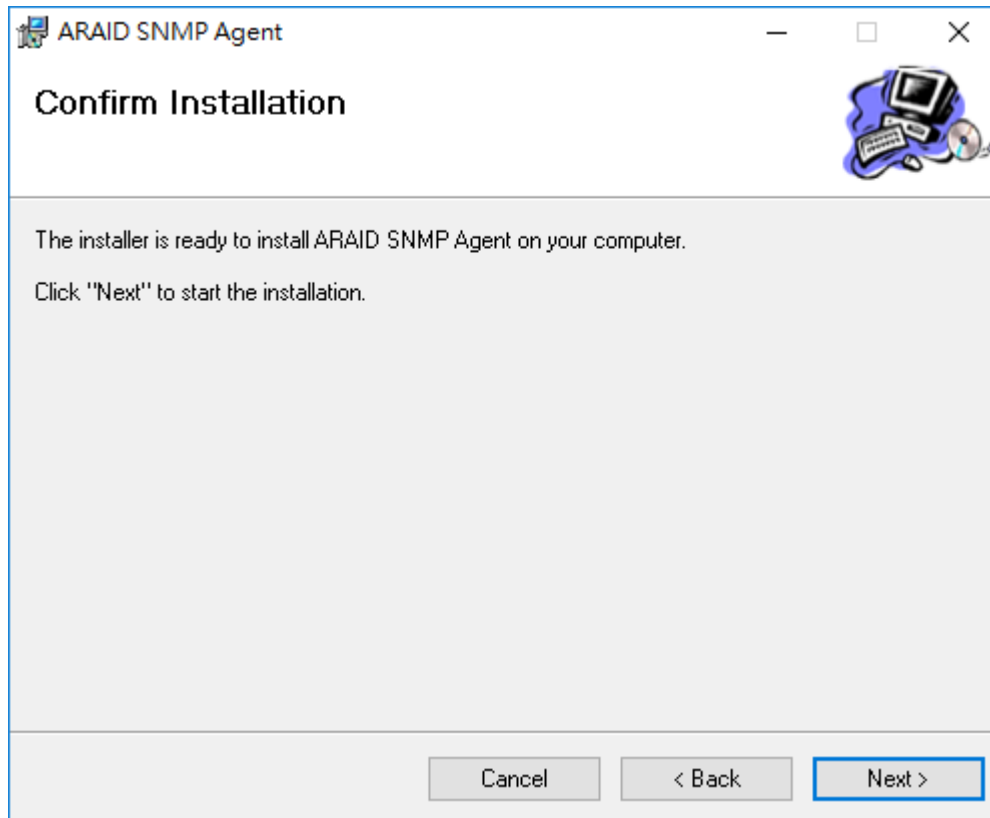
名稱

ARAID SNMP Agent.msi
setup.exe

二、安裝過程

依照指示點選下一步即可。(要使用最高權限安裝,此安裝路徑 C:\USR)

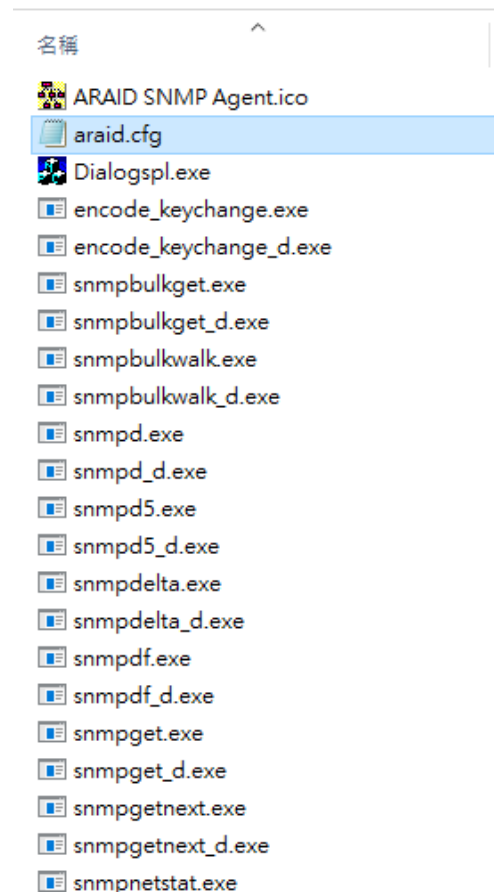




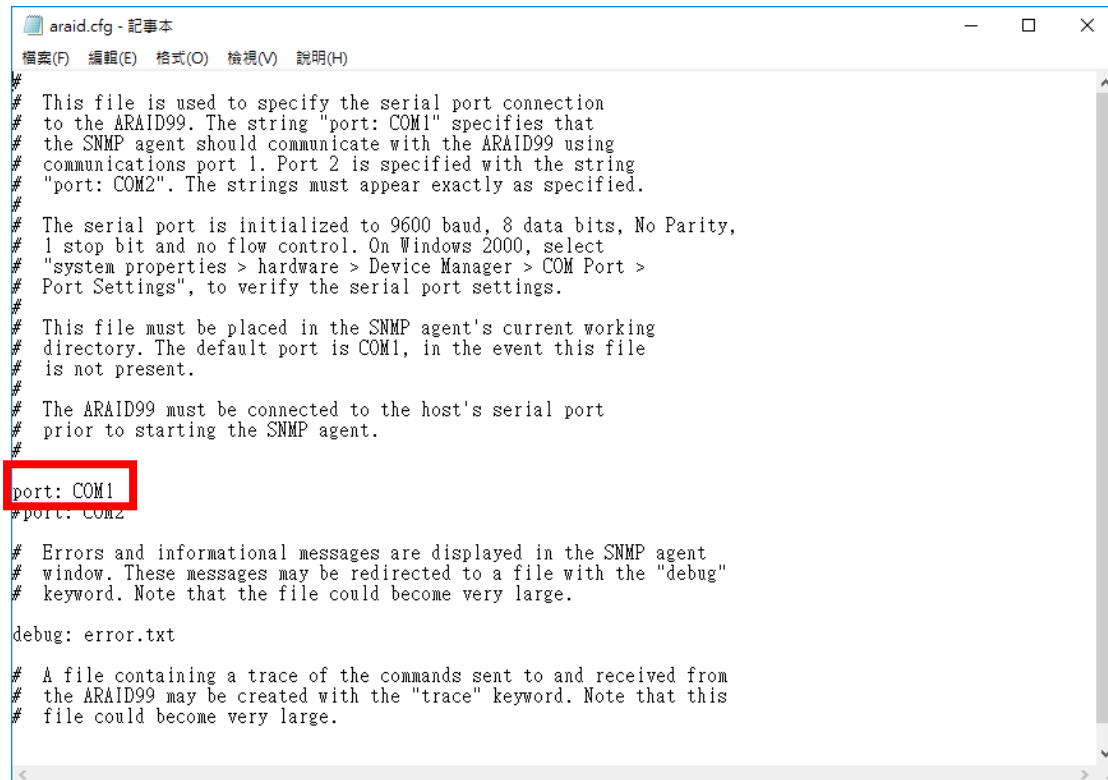
三、設定 ARAID COM Port 與 SNMP 主機 IP

※先確認 ARAID 背部的 R1 與 UR1 是否有正確接上 PC 的 RS232,如安裝有問題可參閱說明手冊。

A、確認好 COM Port 位置後，到 C:\USR\BIN 目錄下使用記事本方式點開 araid.cfg。



B、依照 ARAID 接的 Com Port 位置並更改紅框內的值



```
# This file is used to specify the serial port connection
# to the ARAID99. The string "port: COM1" specifies that
# the SNMP agent should communicate with the ARAID99 using
# communications port 1. Port 2 is specified with the string
# "port: COM2". The strings must appear exactly as specified.

# The serial port is initialized to 9600 baud, 8 data bits, No Parity,
# 1 stop bit and no flow control. On Windows 2000, select
# "system properties > hardware > Device Manager > COM Port >
# Port Settings", to verify the serial port settings.

# This file must be placed in the SNMP agent's current working
# directory. The default port is COM1, in the event this file
# is not present.

# The ARAID99 must be connected to the host's serial port
# prior to starting the SNMP agent.

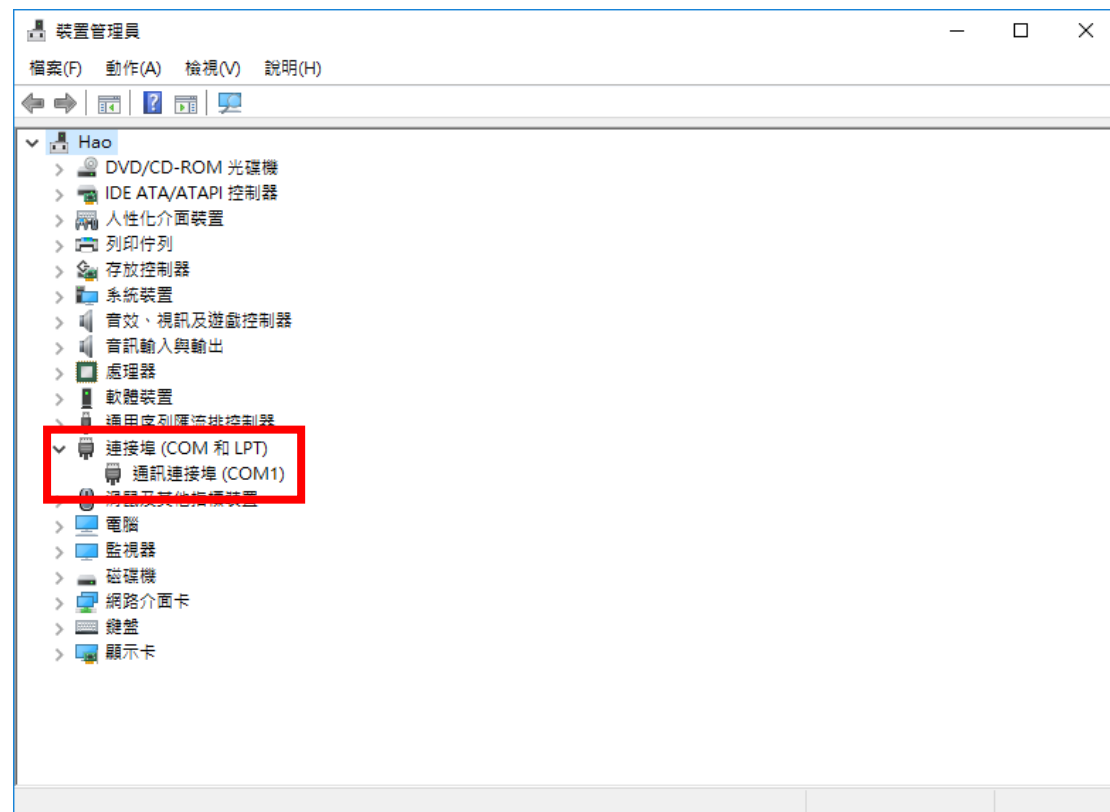
port: COM1
#port: COM2

# Errors and informational messages are displayed in the SNMP agent
# window. These messages may be redirected to a file with the "debug"
# keyword. Note that the file could become very large.

debug: error.txt

# A file containing a trace of the commands sent to and received from
# the ARAID99 may be created with the "trace" keyword. Note that this
# file could become very large.
```

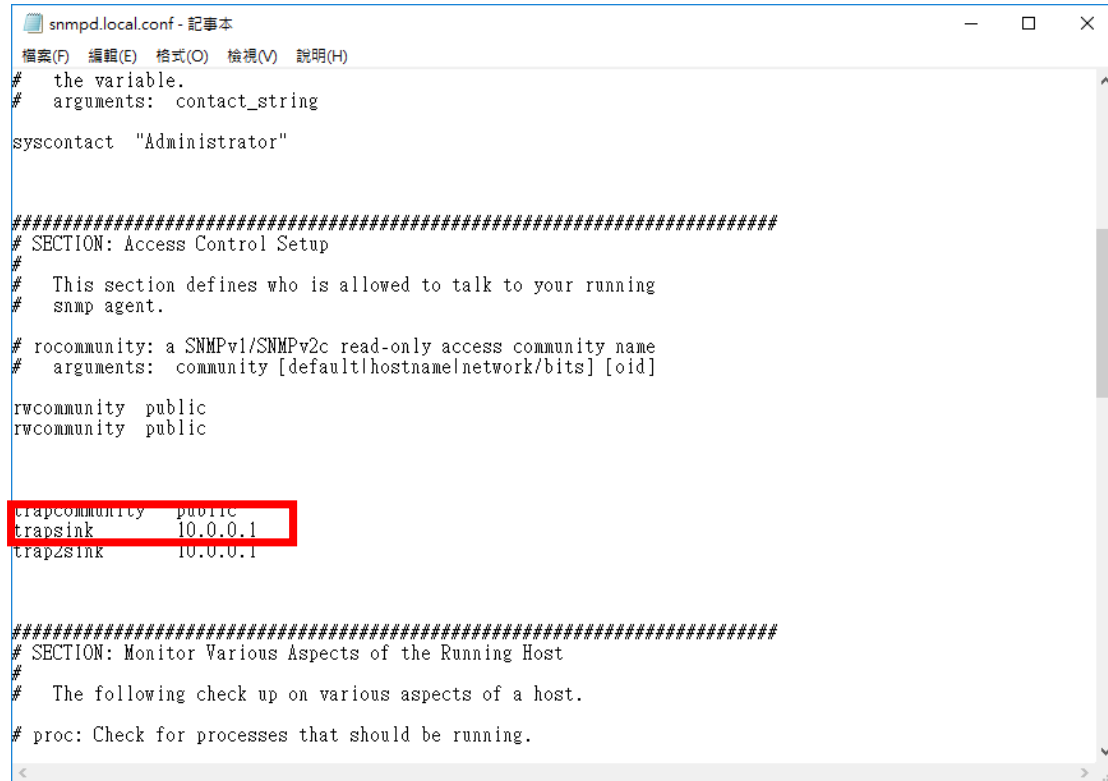
※Com Port 位置可在裝置管理員下查看



C、設定 TrapIP

※何謂 TrapIP?：ARAIID 的資料要送到哪個 IP(通常是 SNMP 主機)

到 C:\USR\SNMP\PERERSIST，用記事本方式開啟 snmpd.local.conf 檔案，並更改紅框內的 IP。



```
snmpd.local.conf - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明(H)
# the variable.
# arguments: contact_string
syscontact "Administrator"

#####
# SECTION: Access Control Setup
#
# This section defines who is allowed to talk to your running
# snmp agent.
#
# rocommunity: a SNMPv1/SNMPv2c read-only access community name
# arguments: community [default|hostname|network/bits] [oid]
rocommunity public
rwcommunity public

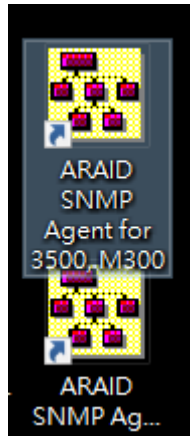
trapcommunity public
trapsink 10.0.0.1
trapzsink 10.0.0.1

#####
# SECTION: Monitor Various Aspects of the Running Host
#
# The following check up on various aspects of a host.
#
# proc: Check for processes that should be running.
```

四、執行 ARAID SNMP Agent 程式

A、請依照型號開啟相對應的程式。

例如：使用的是 Araid 3500 or M300 型號，請點選 ARAID SNMP Agent for 3500, M300。



程式開啟後畫面有出現 Read 字樣，代表 ARAID SNMP Agent 設定安裝成功。

The image shows a Windows command prompt window titled "C:\USR\BIN\snmpd.exe". The window contains the following text:
ARAID SNMP Agent for ARAID 1000L~3500/M300
(Release: 2017/6/14 13:30)
Connect to port: COM1
Set Buzzer
NET-SNMP version 5.1
Read Temperature
Read System Information
Read HW Model & Firmware
Read Disk Model & Capacity
Read Disk Model & Capacity
Read Fan Speed
Read Temperature
The text "Read Temperature" is highlighted with a red box.