



## DTPI Toolbox Configuration and Use

The screenshot below shows the Main screen of the DTPI Toolbox when it first starts up. As shown in the screenshot, all fields are blank, except for the default IP address and the SNMP Read and Write communities.

A screenshot of the DTPI Toolbox software interface. The window has a title bar "DTPI Toolbox" and a close button. The Davicom logo is at the top left. Below it are two tabs: "Configuration" (selected) and "Firmware Upgrade". The "Configuration" tab contains several sections: "Device" with fields for IP Address (192.168.1.210), Read Community (public), and Write Community (private), plus "Detect" and "Default" buttons; "Informations" with fields for Serial Number, Firmware Version, Hardware Version, and MAC Address; "Probes" with four temperature probe fields and a "Read" button; and "Parameters" with fields for IP Address, Netmask, Gateway, Units, SNMP Mode, Read Community, and Write Community, plus an "Apply" button.

DTPI Toolbox

davicom

Configuration Firmware Upgrade

Device

IP Address : 192.168.1.210 Detect Default

Read Community : public

Write Community : private

Informations

Serial Number :

Firmware Version :

Hardware Version :

MAC Address :

Probes

Temperature probe 1 :

Temperature probe 2 :

Temperature probe 3 :

Temperature probe 4 :

Read

Parameters

IP Address :

Netmask :

Gateway :

Units :

SNMP Mode :

Read Community :

Write Community :

Apply

Intelligent Site Management

t. 1.418.682.3380 | f. 1.418.682.8996  
[www.davicom.com](http://www.davicom.com)



## PART 1: Using the DTPI Toolbox

- 1- Power up the DTPI device using the included AC/DC power adapter.
- 2- Connect the Ethernet port on the DTPI device to a PC using an Ethernet cable
- 3- Note that depending on your computer, a cross-connect cable may be necessary.
- 4- Set the IP parameters in your PC to allow access to the 192.168.1.210 subnet.
- 5- Click the Detect button at the top of the DTPI window.
- 6- If the IP settings in your PC are correct, the DTPI information details will be displayed as shown below.
- 7- Clicking the Read button will display the temperature measured by the connected probes.

The screenshot shows the DTPI Toolbox application window. It has a title bar with a close button. The interface features the Davicom logo at the top. Below the logo, there are two tabs: 'Configuration' and 'Firmware Upgrade'. The 'Configuration' tab is active, displaying several sections:

- Device:** Contains input fields for IP Address (192.168.1.210), Read Community (public), and Write Community (private). A green checkmark is visible next to the IP field. There are 'Detect' and 'Default' buttons.
- Informations:** Contains input fields for Serial Number (TPI50849-2), Firmware Version (1.1.0), Hardware Version (0.0), and MAC Address (8C DE 99 00 10 2F).
- Probes:** Contains four input fields for Temperature probe 1 through 4, all showing '---'. There is a 'Read' button and a radio button.
- Parameters:** Contains input fields for IP Address (192.168.1.210), Netmask (255.255.255.0), Gateway (192.168.1.1), Units (F (Fahrenheit)), SNMP Mode (Read/Write (GET/SET)), Read Community (public), and Write Community (private). There is an 'Apply' button.

## PART 2: Setting the DTPI device to your network parameters

- 1- In the bottom part of the DTPI window, enter the IP Parameters assigned by your IT department. Refer to the example below.

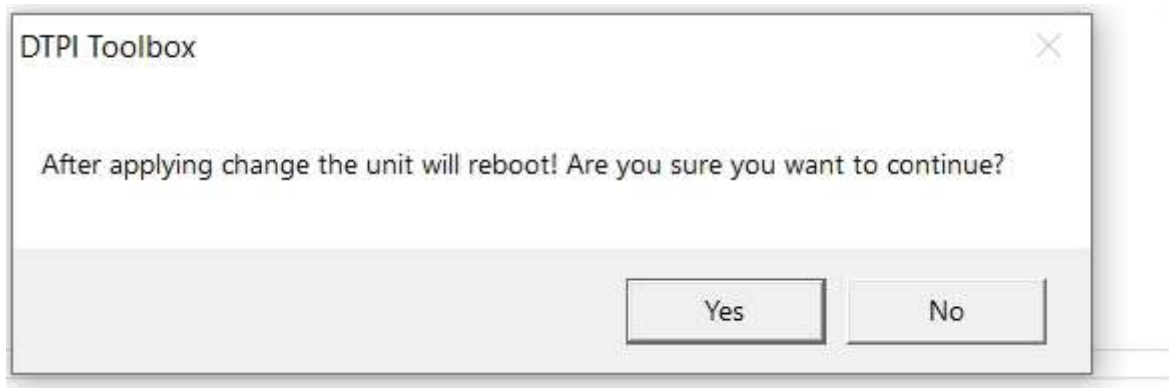


The screenshot shows a 'Parameters' configuration window with the following fields and values:

Parameter	Value
IP Address :	172.16.203.150
Netmask :	255.255.0.0
Gateway :	172.16.201.2
Units :	F (Fahrenheit)
SNMP Mode :	Read/Write (GET/SET)
Read Community :	public
Write Community :	private

An 'Apply' button is located to the right of the configuration fields.

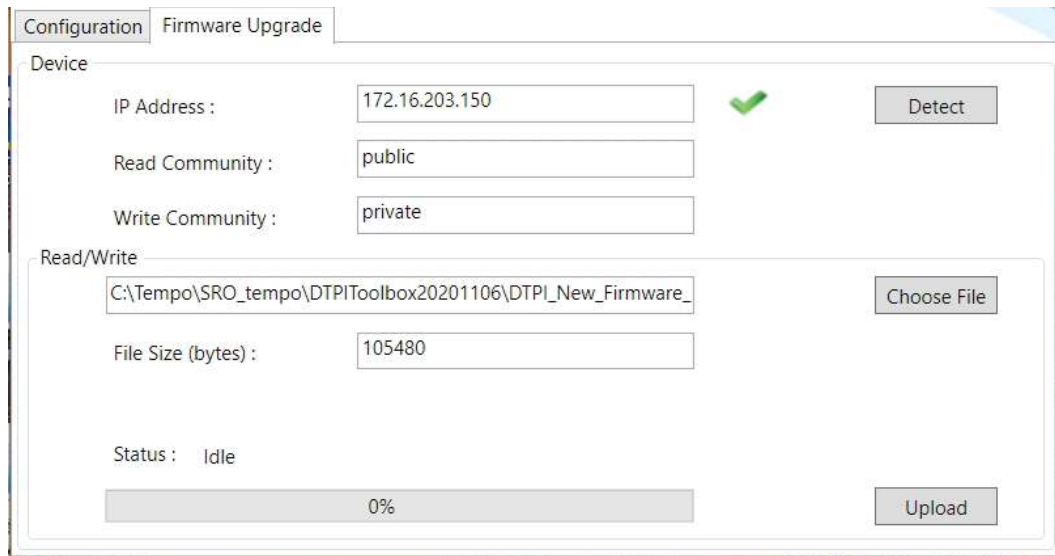
- 2- Click the Apply button and the following message will appear. Click Yes.



- 3- Wait until the DTPI device reboots (approx. 30 seconds), enter the new IP address in the Configuration window at the top, and then click Detect.
- 4- The updated screen will now show the same device details as before, but will display the new IP parameters.

### PART 3: Firmware upgrading of the DTPI device

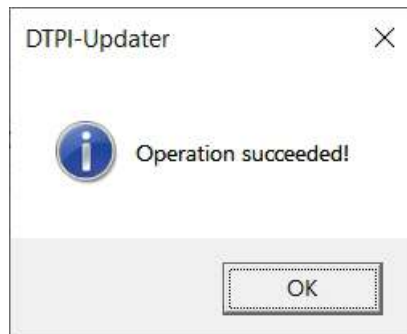
- 1- To perform a firmware upgrade, click on the Firmware Upgrade tab.
- 2- Enter the IP address of the DTPI device, and click Detect.
- 3- Next, click Choose File to browse your computer to find and select the firmware file.



The screenshot shows the 'Firmware Upgrade' tab of the DTPI-Updater application. It contains the following fields and buttons:

- Device** section:
  - IP Address : 172.16.203.150 (with a green checkmark icon)
  - Read Community : public
  - Write Community : private
  - Detect** button
- Read/Write** section:
  - File path: C:\Tempo\SRO\_tempo\DTPIToolbox20201106\DTPI\_New\_Firmware\_
  - Choose File** button
  - File Size (bytes) : 105480
  - Status : Idle
  - Progress bar: 0%
  - Upload** button

- 4- Click Upload, and after the file has been uploaded, the confirmation message below appears.



**IMPORTANT: If you set the SNMP Mode of the DTPI device to Read Only (GET) for security purposes, you will be unable to change any DTPI parameters. To regain access to SNMP SET functionality, the DTPI must be reset to default parameters by clicking the IP Reset button on the device**