HMI User Manual

Contents

1. HMI Software Installation

This section explains how to install the HMI software.

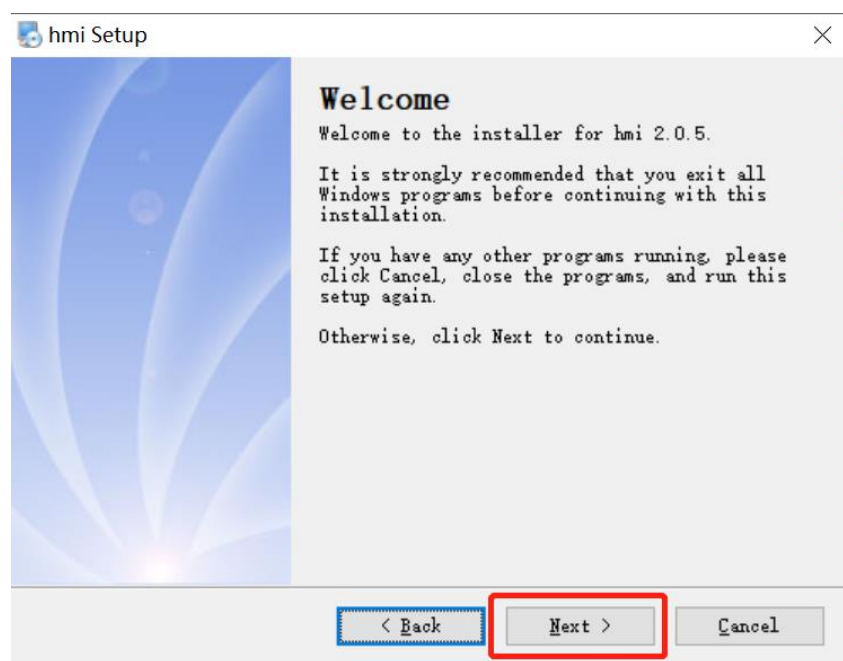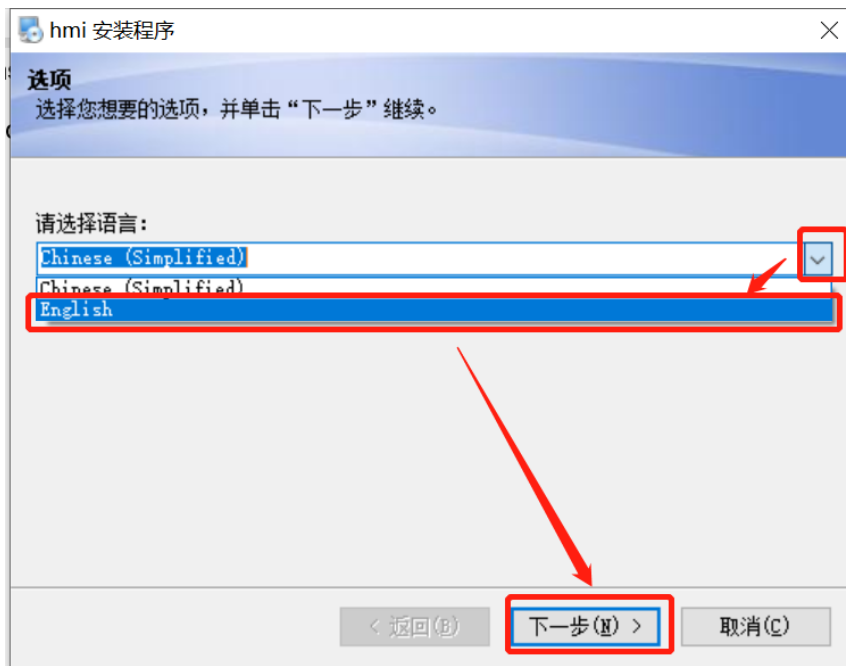## 1.1 Environment Requirements for Installation

All the following OS are compatible with the software.
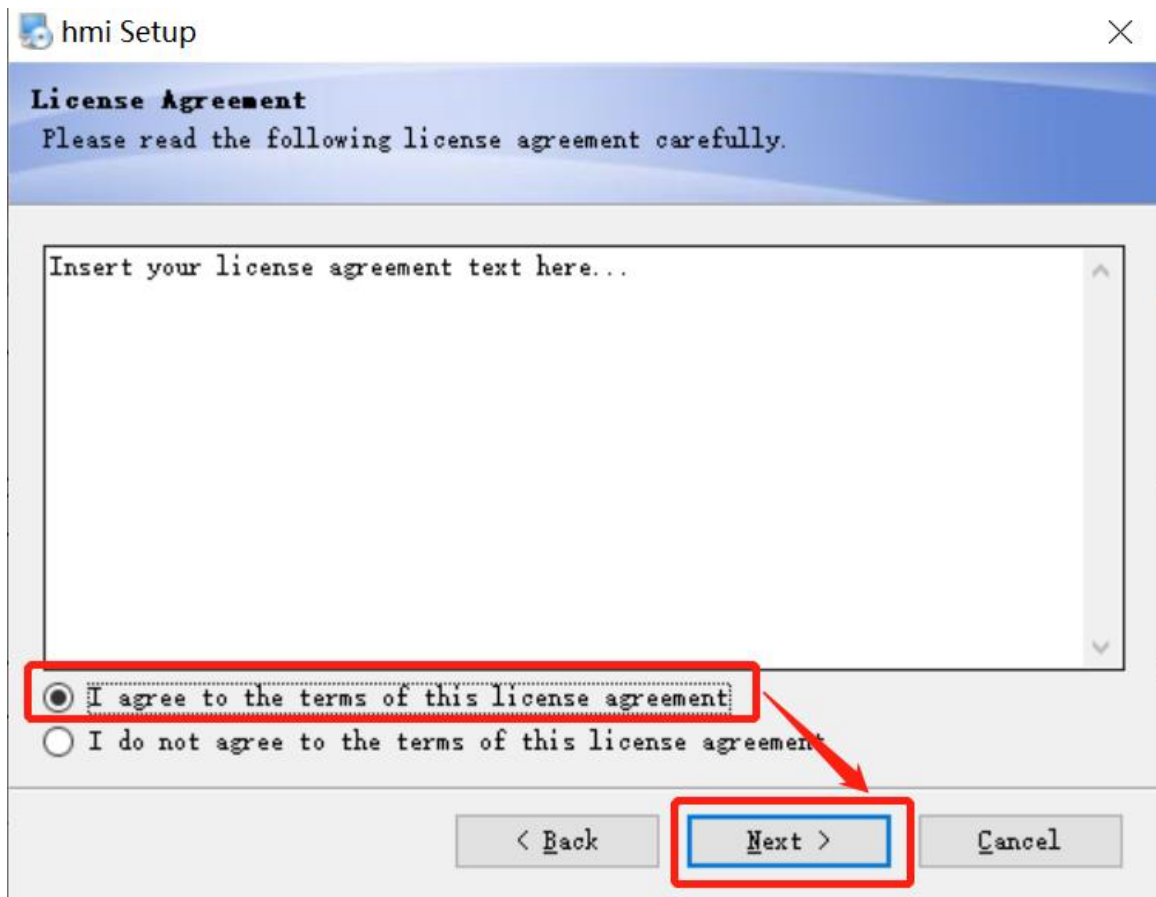
Windows 7 (32bit / 64bit)

Windows 10 (32bit / 64bit)

1.2 Installation Steps
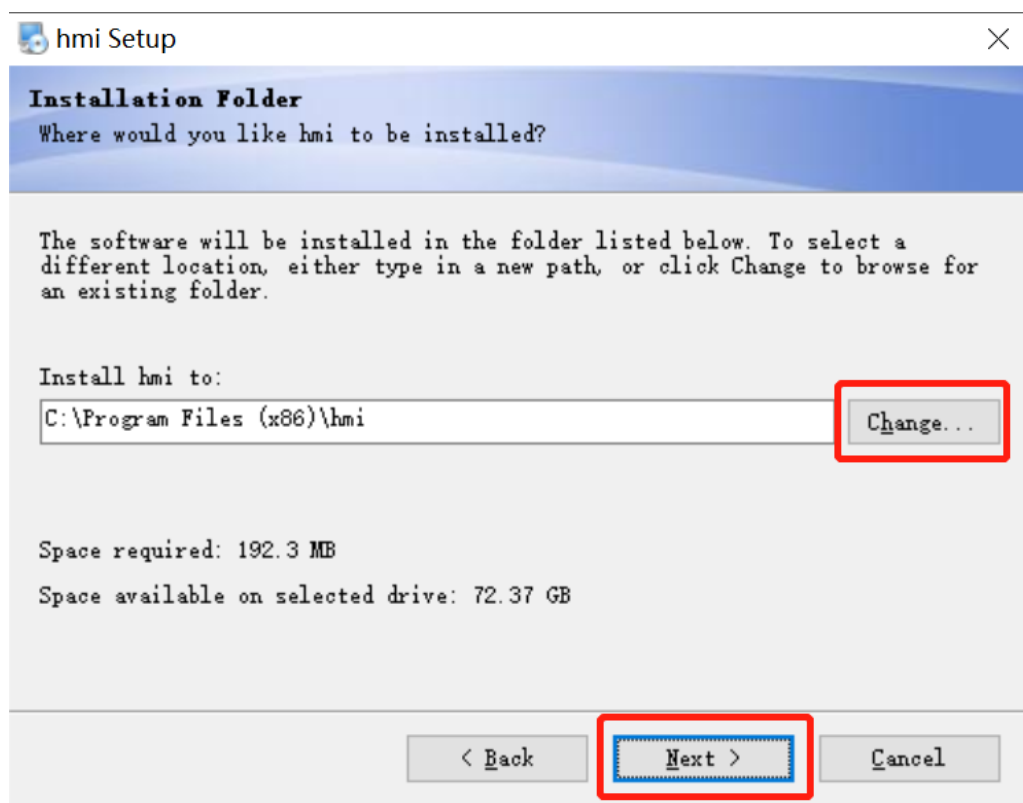
1) Double click hmi.exe. Select a language and then click [**Next**].

2) Select [**I agree to the terms of this license agreement**] and click [**Next**]

3) Specify the destination directory. Click [**Change…**] if you want to change the location. It's not recommended to install the HMI in C drive since sometimes the HMI cannot be opened if installed in C drive. Click [**Next**].

4) select [**Install shortcuts for current user only**] or [**Make shortcuts available to all users**] and then click [**Next**]
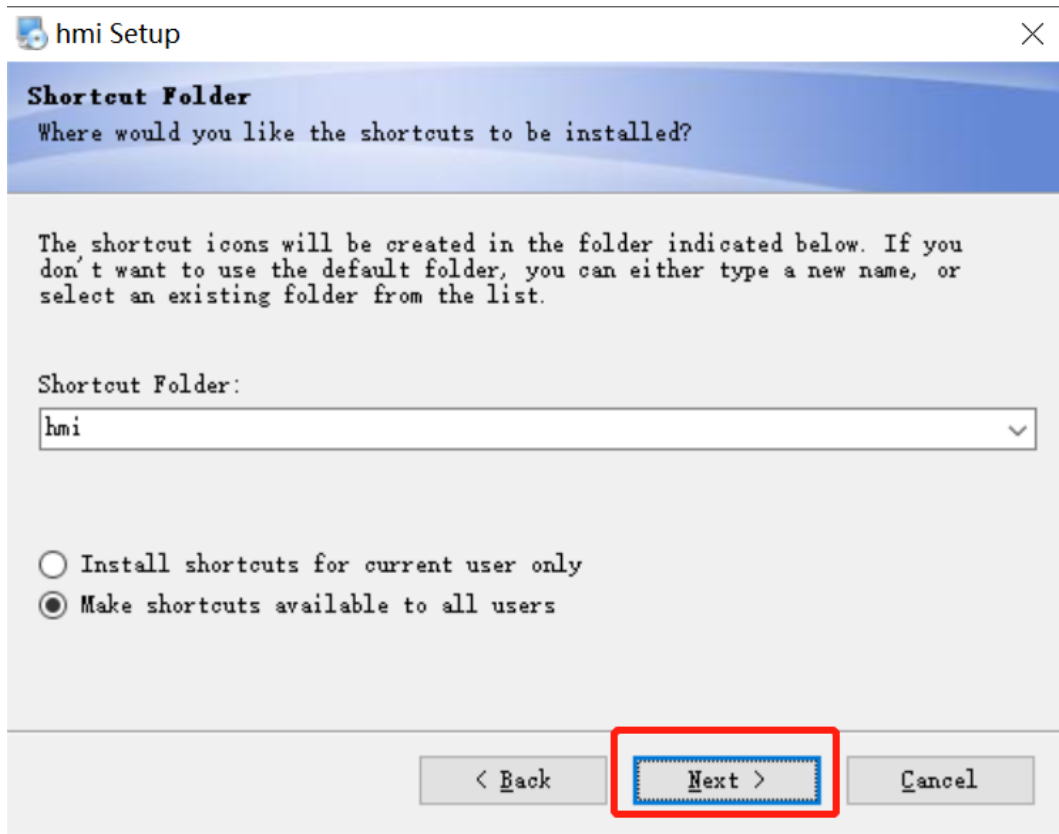
5) click [**Next**] to start the installation.

2. Download Projects
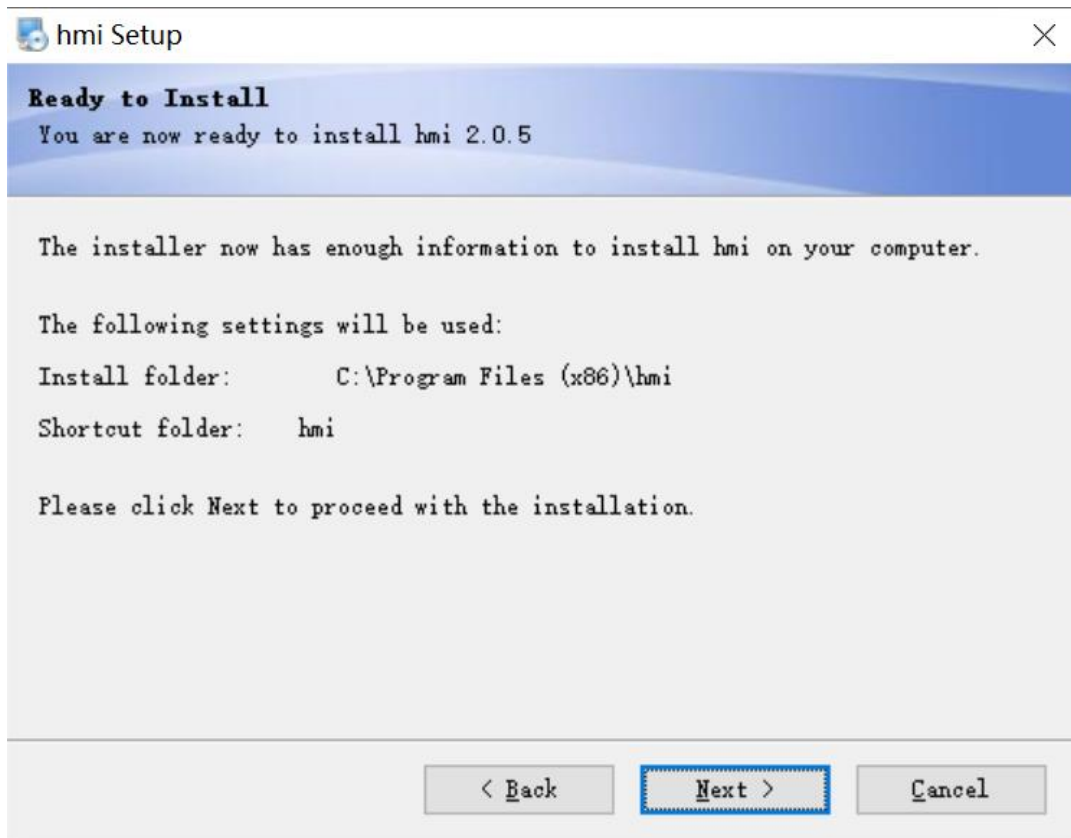
2.1 Download Projects via Ethernet

Connect the device to your computer with an Ethernet cable.

Open the HMI software and select the project that you want to download. Click [**Project**] -> [**Download (PC to HMI)**]. Set the IP address and com in the pop-up reminder to specify the target device.

The default IP address is 192.168.10.202 or 192.168.10.201 and the default com is 1502.

Click [**OK**] and the downloading starts.

Note: Please keep the Ethernet cable connected to your computer and power on the device during downloading.
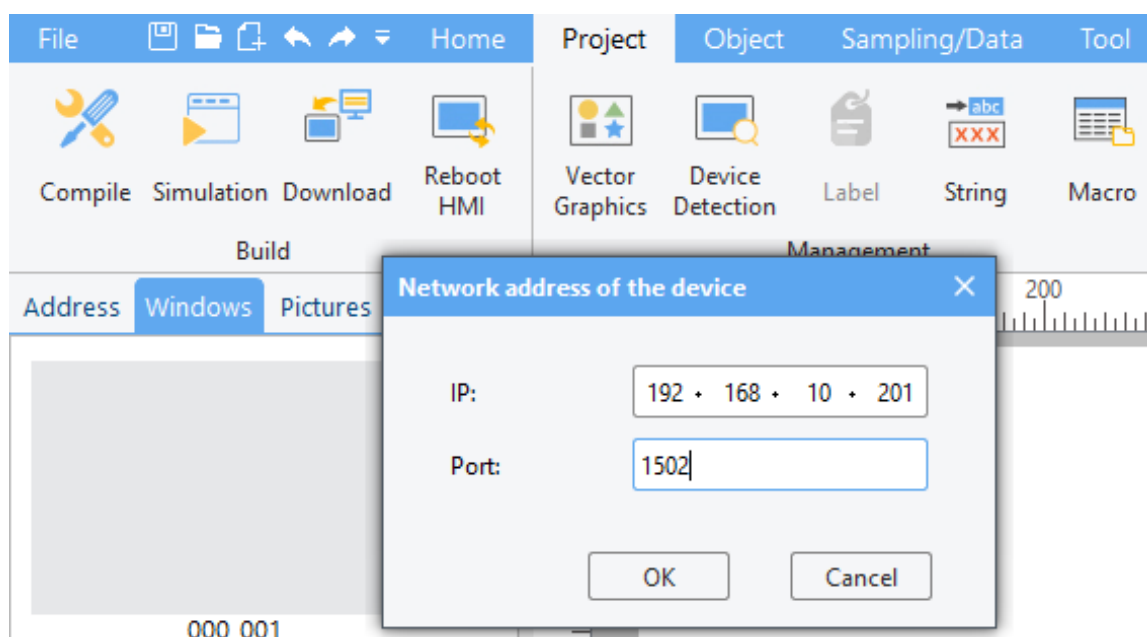

When the HMI software reminds that the downloading is completed, wait for the device to restart automatically. The device will run the downloaded project after the restart.

You can also shut down the device manually after the downloading is completed and power on again. The device will automatically run the downloaded project after startup.

Note: To achieve communication, the IP addresses of the device and the computer should be in the same network segment during downloading.

You can configure the IP address of the computer as follows.

(1) Open **control panel** and click on "**Network and Internet**" and then click on "**Network and Sharing Center**". Click on "**Change adapter settings**".
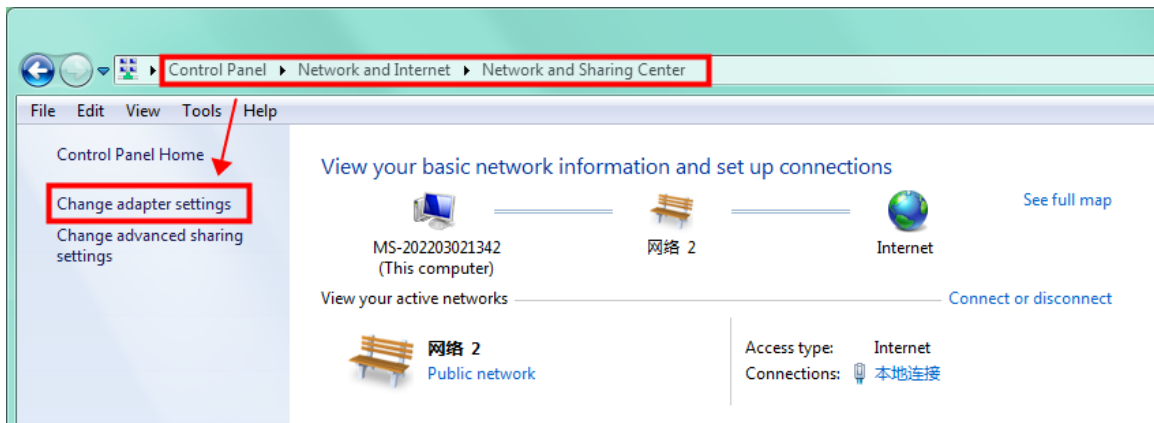
(2) Right-click on the adapter and select "**Properties**".
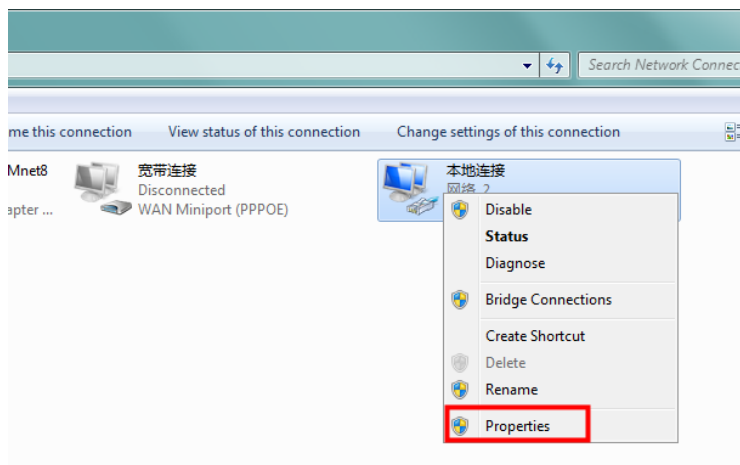
(3) Double-click on "**Internet Protocol Version 4(TCP/IPv4)**".

(4) Select "**Use the following IP address**" and specify the IP address. The first three numbers should be 192.168.100 to make sure that the computer is in the same network segment as the device. The last number can be filled in 0~255. Do not set it to the same as the IP address of the device. Click the OK button on "Internet Protocol Version 4 (TCP/IPv4) Properties" window, and also click the OK button on "Ethernet Properties" window.
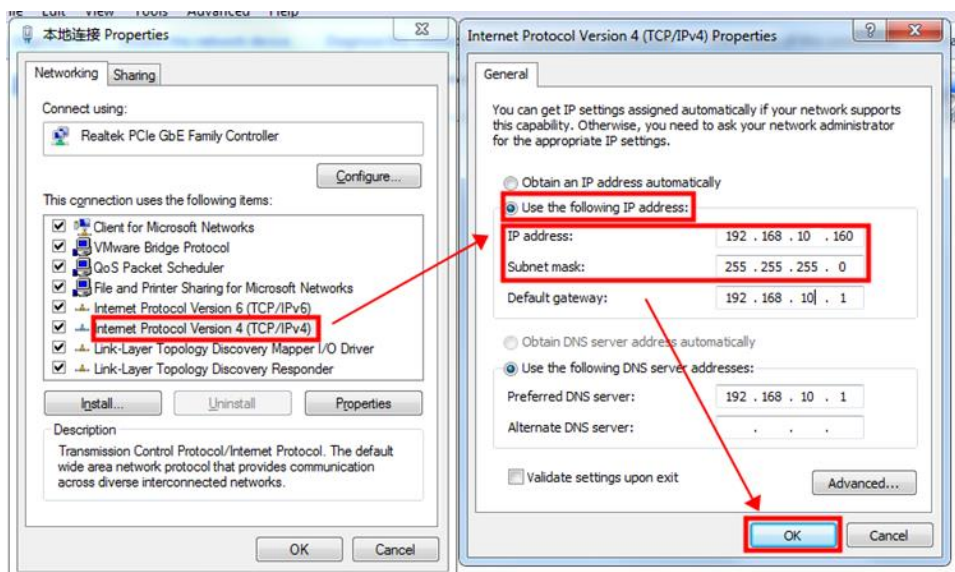
Note: Your computer cannot connect to internet through a cable after changing the IP

address to STATIC.

You can set your computer back to DHCP to connect to internet. Repeat steps (1)-(3) again. When you get to the "Internet Protocol Version 4 (TCP/IPv4) Properties" window, click "**Obtain an IP address automatically**".
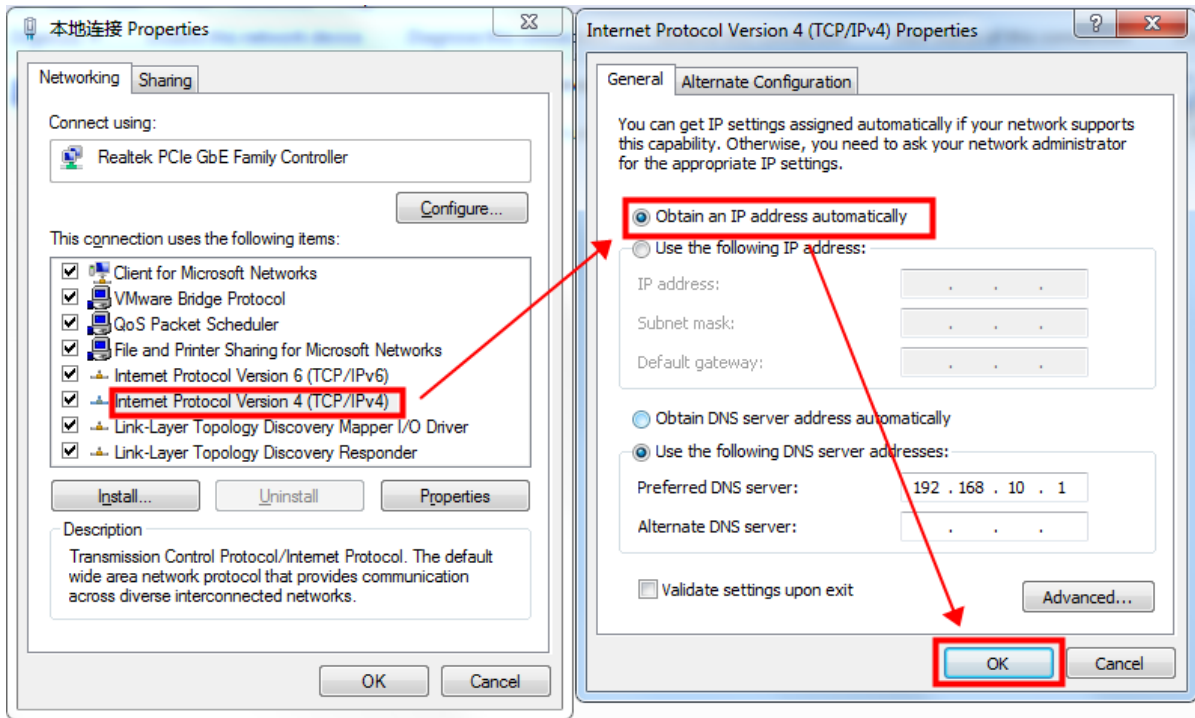
2.2 Check the Communication between the Target Board and the PC

(1) Click [**Project**] -> [**Device Detection**]. Specify the IP address and com in the pop-up window (192.168.10.220 here). Then click [**OK**].
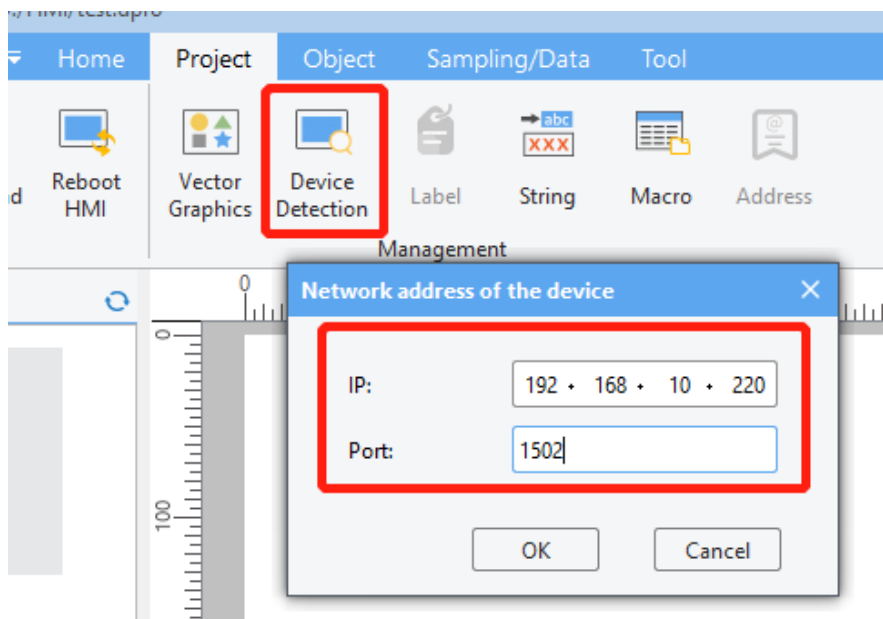
(2) Click [**Detect**] button on the buzzer. If you hear the beeping sound from the target board, it means that the HMI software and the target board have established a good connection and can communicate normally, otherwise the connection has not been established.

Device Detection   ✕

Basic			
COM			

USB:	Results here!	Detect
SD card:	Results here!	Detect
Calibration:		Start
Buzzer:		Detect
Device IP:	Click the button on the right to get it!	Detect
Get time:	Click the button on the right to get it!	Get
Set time:	2022/11/1 10:32:00	Set

OK   Cancel

Professional Creditable Successful

Revision Records

Rev	Revise Date	Content	Editor
00	2022-12-05	First Edition	Lvzhi Chen