



孕龍科技股份有限公司
ZeroPlus Technology Co., Ltd.

SPECIFICATION

MODEL: 029 LAP-CCIR656-M

PART NO : _____

VERSION : V1.30

Approver		Check	Design
GM	PM		

Customer Confirm

* Please fax the file to
ZeroPlus Technology after
signing .

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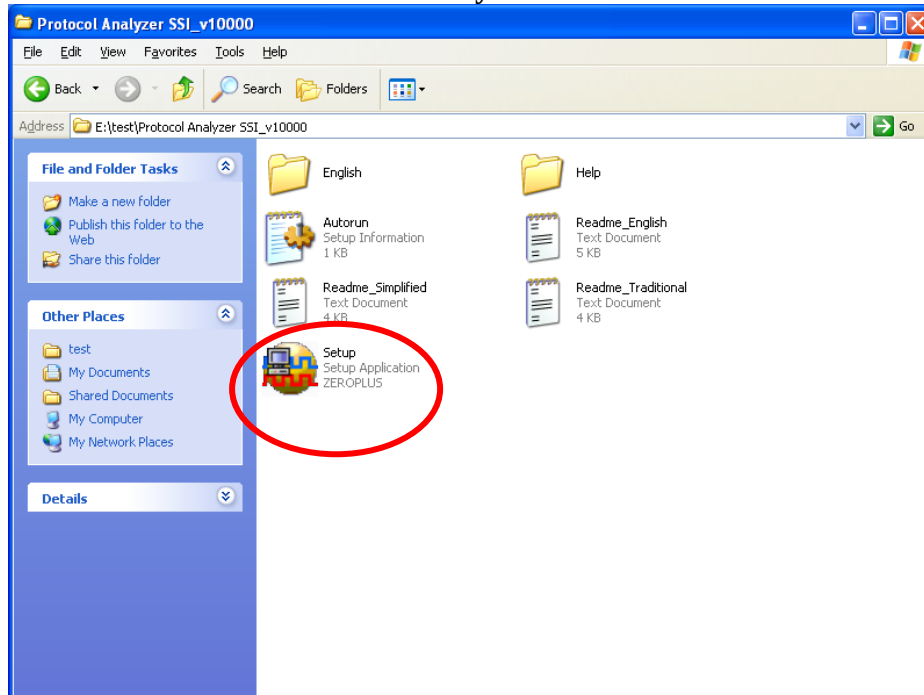
1 Software Installation

Please install the software as the following steps:

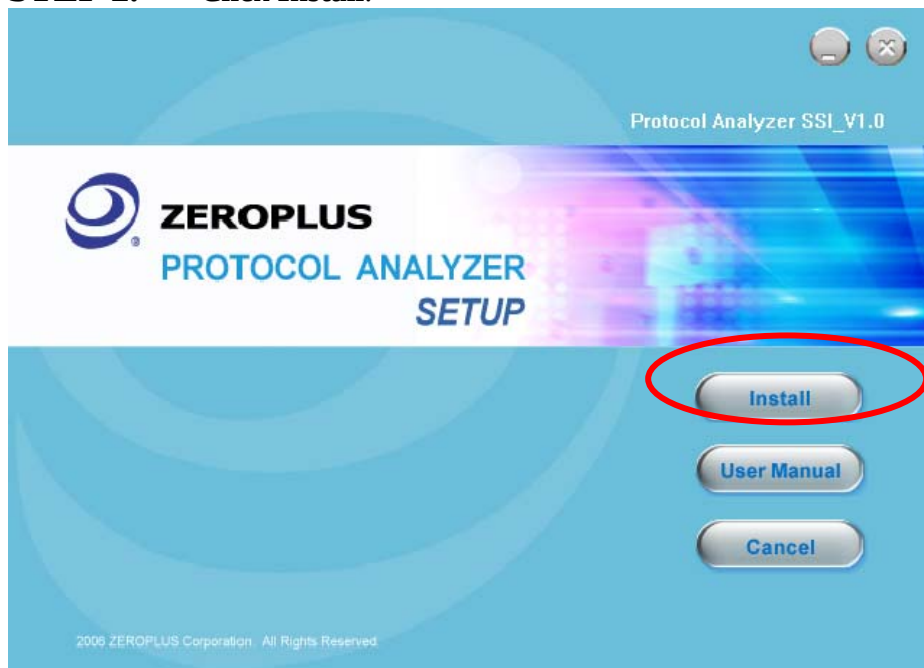
※ Remark: 1. The installation steps for all protocol analyzers are the same; you can complete the installation by following procedures. Following is an example on how to install protocol analyzer SSI.

※ Remark: 2. We won't have additional notice for you, when there is any modification of the module specification. If there is some unconformity caused by the module version upgrade, users should take the module software as the standard.

STEP 1. Install Protocol Analyzer Module.

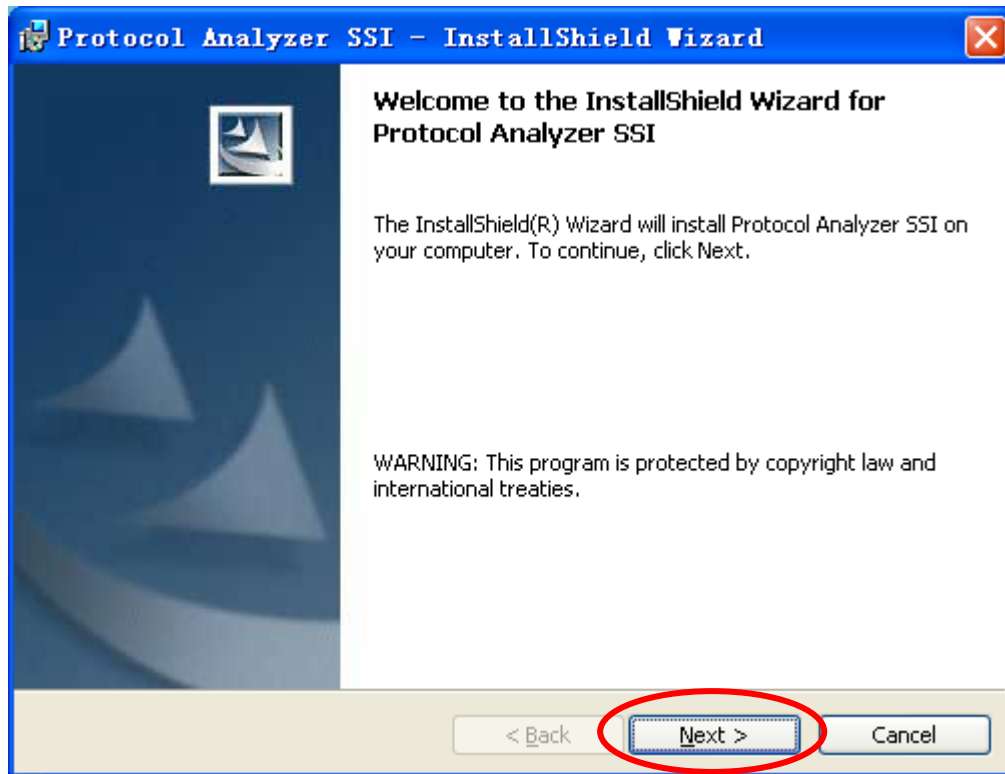


STEP 2. Click Install.

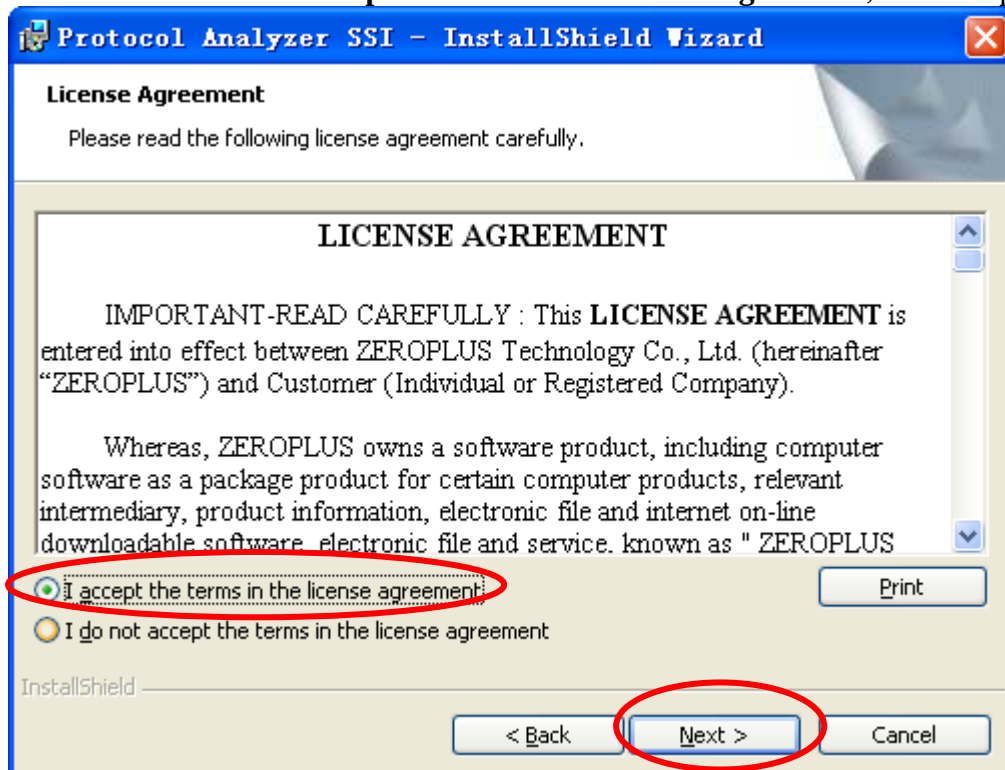




STEP 3. Click Next.



STEP 4. Select **I accept the terms in the license agreement**, and then press Next.





STEP 5. Fill in users' information in the below dialog box and click **Next**.

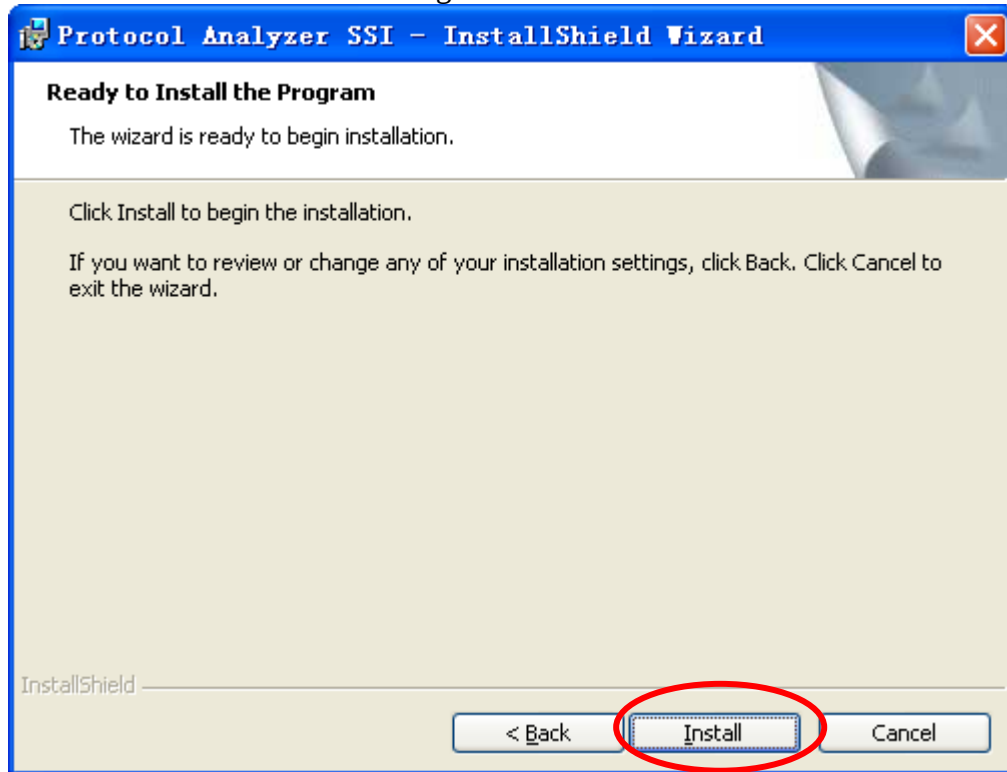
The dialog box is titled "Protocol Analyzer SSI - InstallShield Wizard". It has a blue title bar with a close button. The main area is titled "Customer Information" and contains the text "Please enter your information." Below this are two text input fields: "User Name:" with the value "sunshine" and "Organization:" with the value "zeroplus". Below these fields are two radio button options: "Anyone who uses this computer (all users)" (selected) and "Only for me (sunshine)". At the bottom, there are three buttons: "< Back", "Next >" (circled in red), and "Cancel". The InstallShield logo is in the bottom left corner.

STEP 6. First, select **Complete** and then click **Next**.

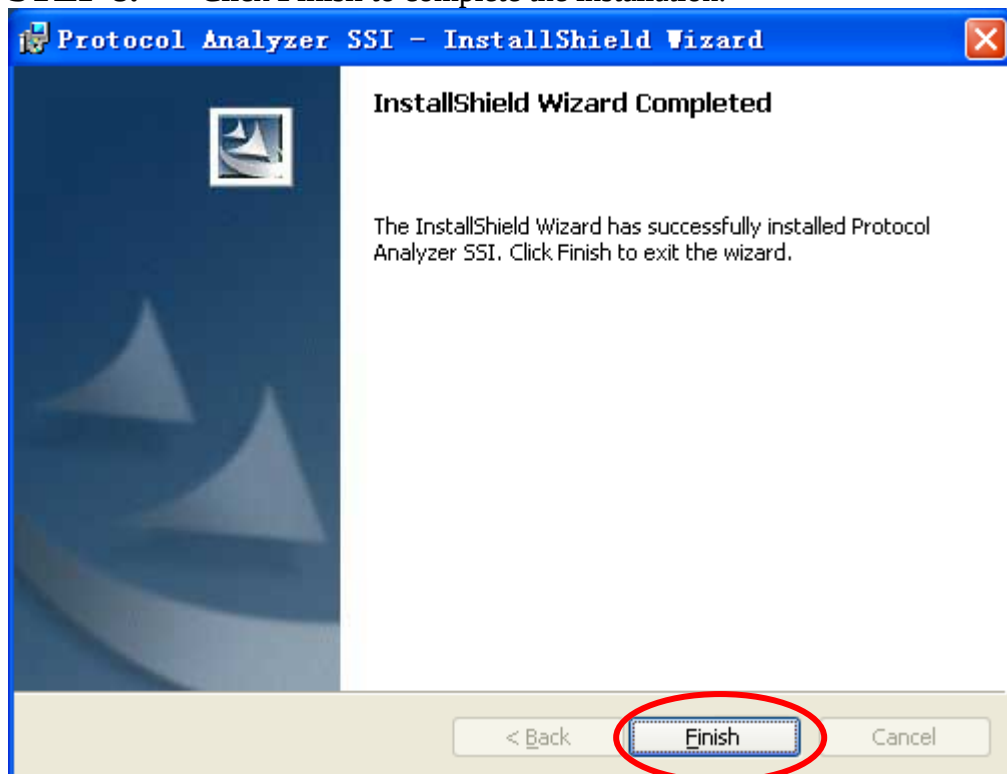
The dialog box is titled "Protocol Analyzer SSI - InstallShield Wizard". It has a blue title bar with a close button. The main area is titled "Setup Type" and contains the text "Choose the setup type that best suits your needs." Below this is the text "Please select a setup type." There are two radio button options: "Complete" (selected) and "Custom". The "Complete" option has a description: "All program features will be installed. (Requires the most disk space.)" and an icon of a computer with a checkmark. The "Custom" option has a description: "Choose which program features you want installed and where they will be installed. Recommended for advanced users." and an icon of a computer with a question mark. At the bottom, there are three buttons: "< Back", "Next >" (circled in red), and "Cancel". The InstallShield logo is in the bottom left corner.



STEP 7. Click **Install** to begin the installation.



STEP 8. Click **Finish** to complete the installation.

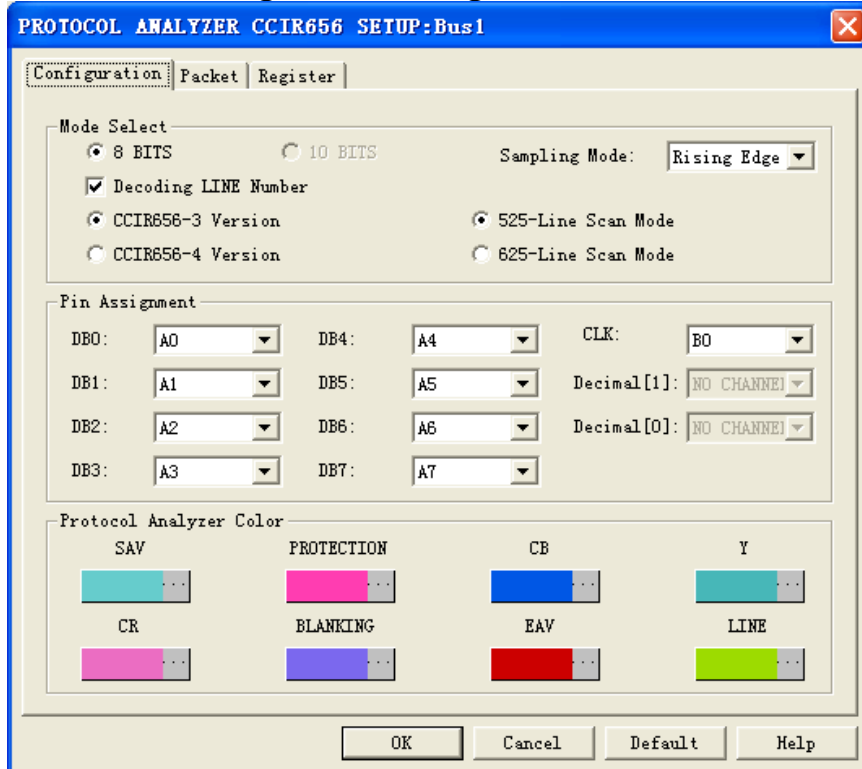




2 User Interface

Please refer to the below images to select options of setting **CCIR656 MODULE**.

CCIR656 Configuration dialog box



CCIR656 Mode Select: There are two mode options for CCIR656, 8 BITS and 10BITS; you can select one as your requirements. The default is 8 BITS.

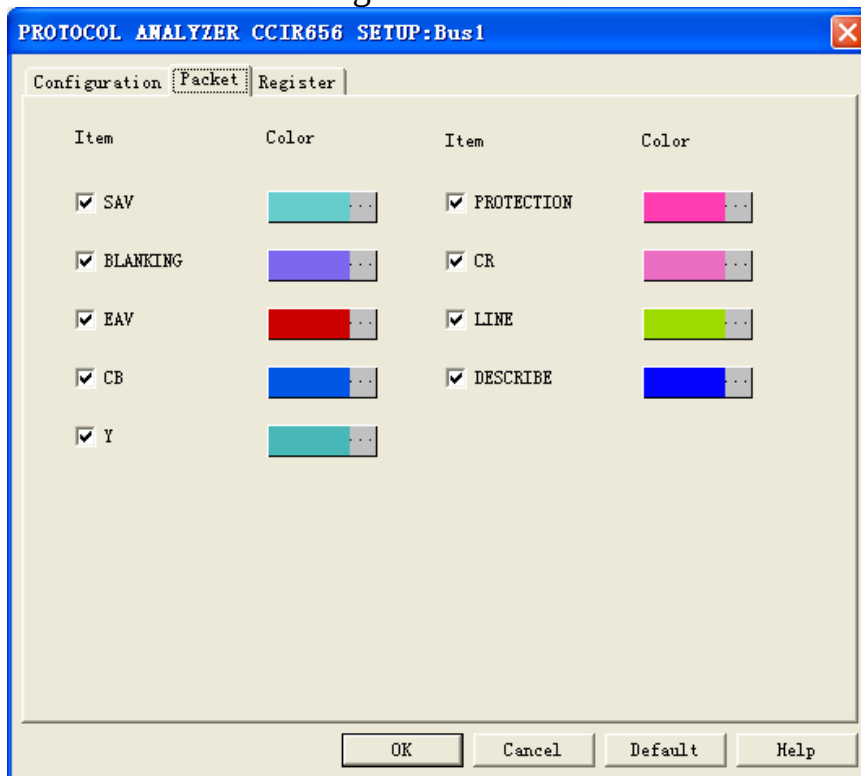
Sampling Mode: The sampling mode is set as Rising Edge or Falling Edge.

CCIR656 Pin Assignment: Because CCIR656 has two modes, 8BITS and 10BIT, when you select 8BITS Mode, there are 8 data lines from DB0 to DB7 and one CLK line; when you select 10BITS Mode, it adds two additional decimal lines.

Protocol Analyzer Color: In order to identify the packet items, the items are displayed in different colors, thereinto, red indicates error.

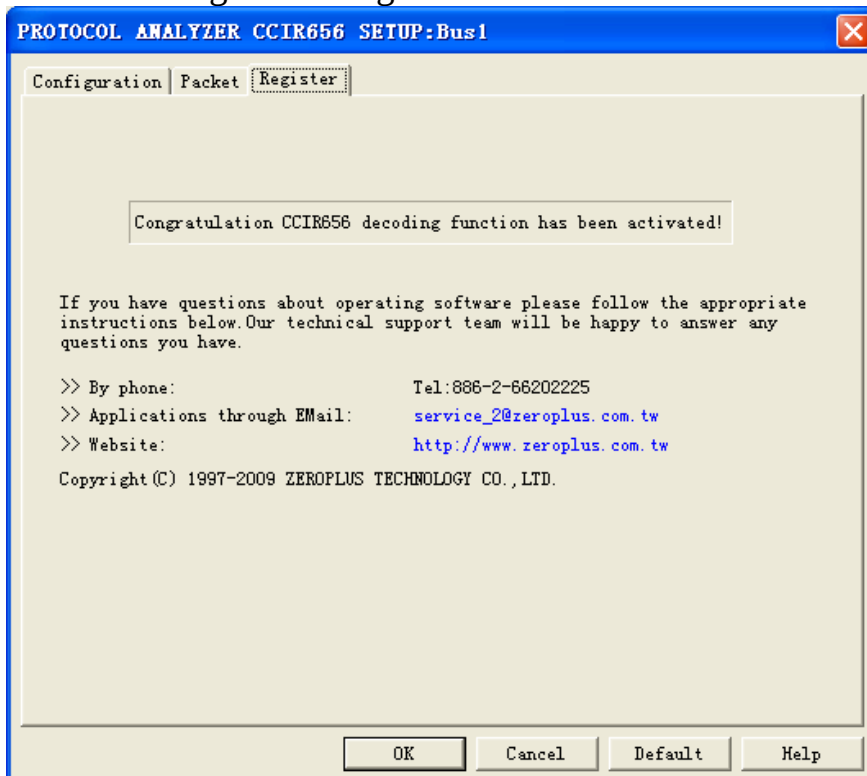


CCIR656 Packet dialog box



In the packet dialog box, users can vary the color of items.

CCIR656 Register dialog box

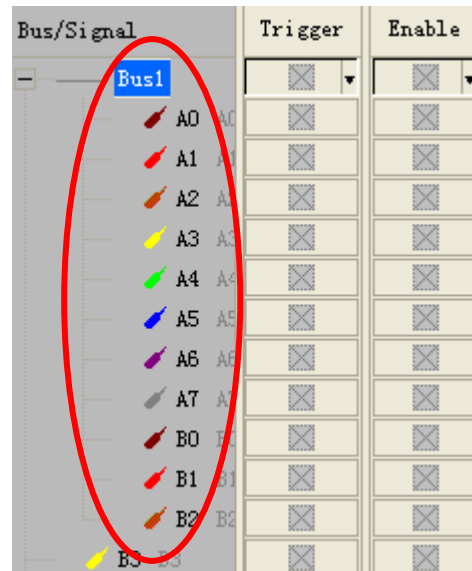
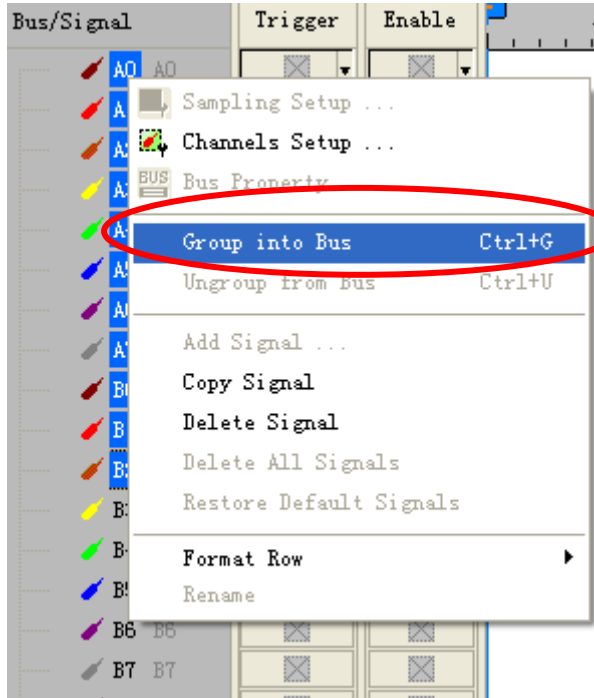


There is ZeroPlus company information. If you have any questions about software operations, you can contact ZeroPlus by Telephone or Email.

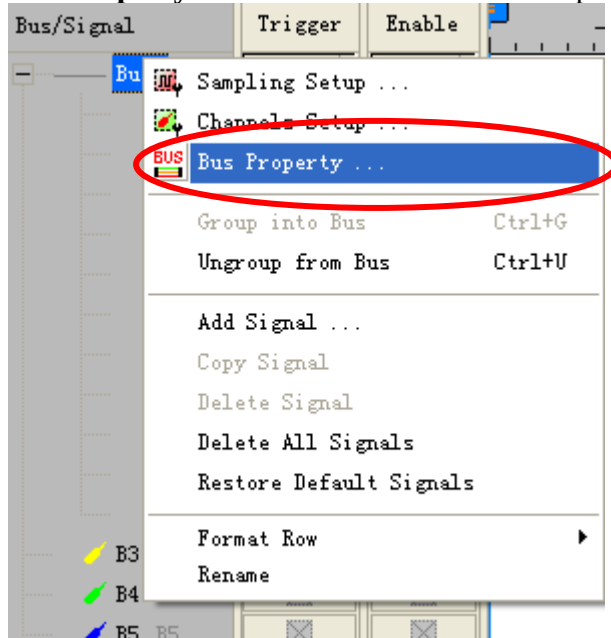


3 Operating Instructions

STEP 1. At first, group the unanalyzed channels into **Bus1** by pressing the **Right Key** on the mouse.

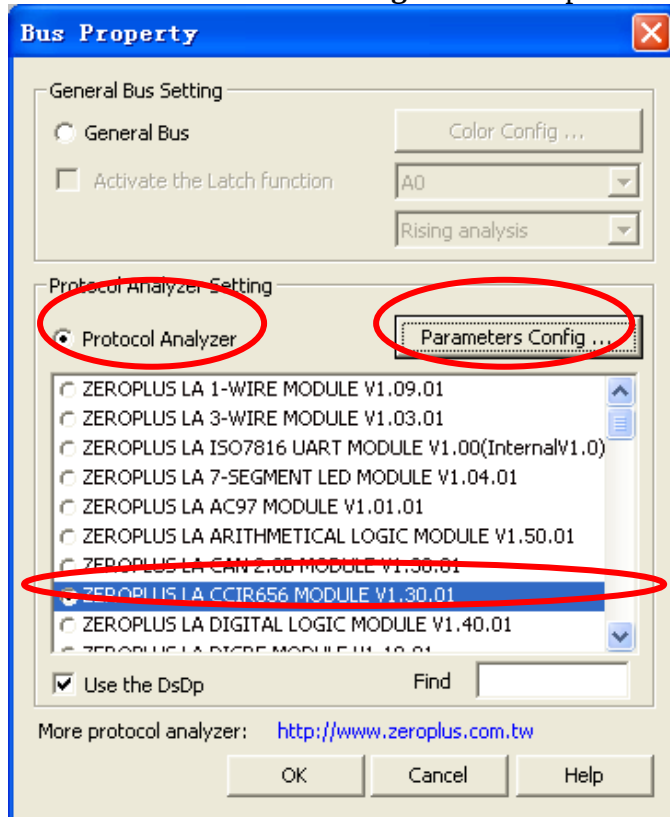


STEP 2. Select **Bus1**, then press **Right Key** on the mouse to list the menu, then press **Bus Property** or **Bus bar** on the toolbar to open **Bus Property** dialog box.

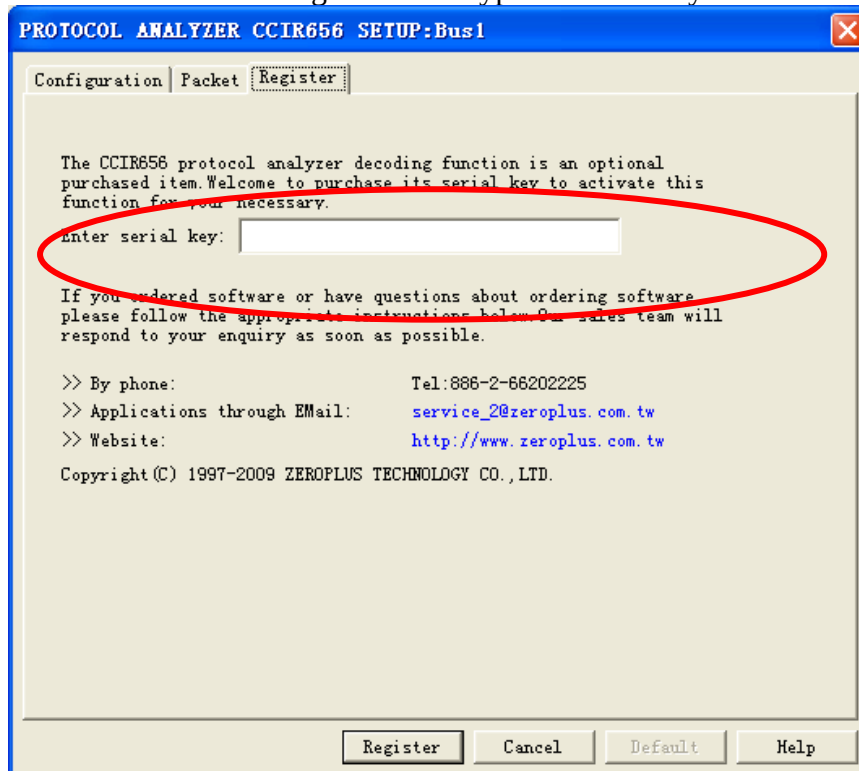




STEP 3. For Protocol Analyzer CCIR656 Parameters Configuration, select Protocol Analyzer, and then choose **ZEROPLUS LA CCIR656 MODULE V1.30.01**. Next click **Parameters Configuration** to open **Configuration** dialog box.

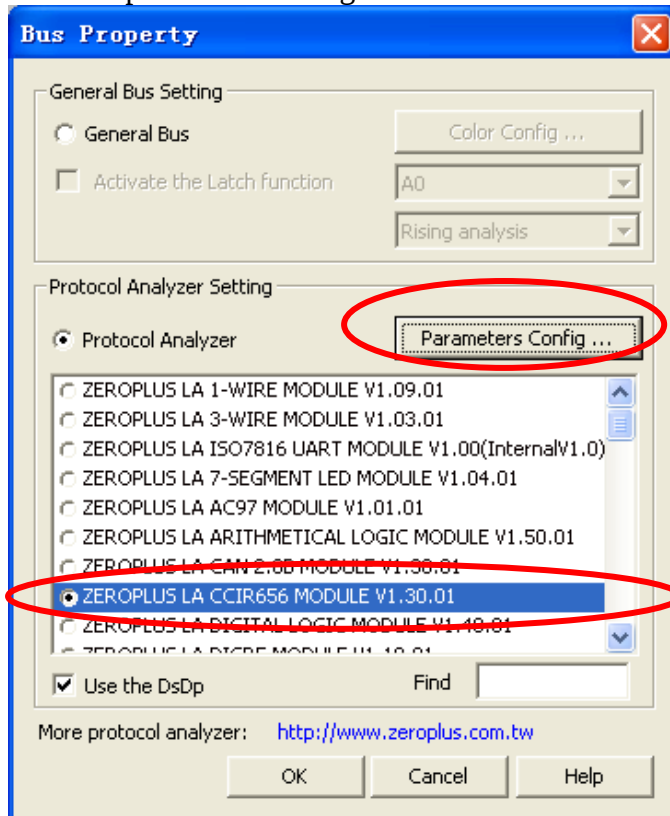


STEP 4. Press Register tab to type the serial key number of CCIR656. Then, press **Register**.

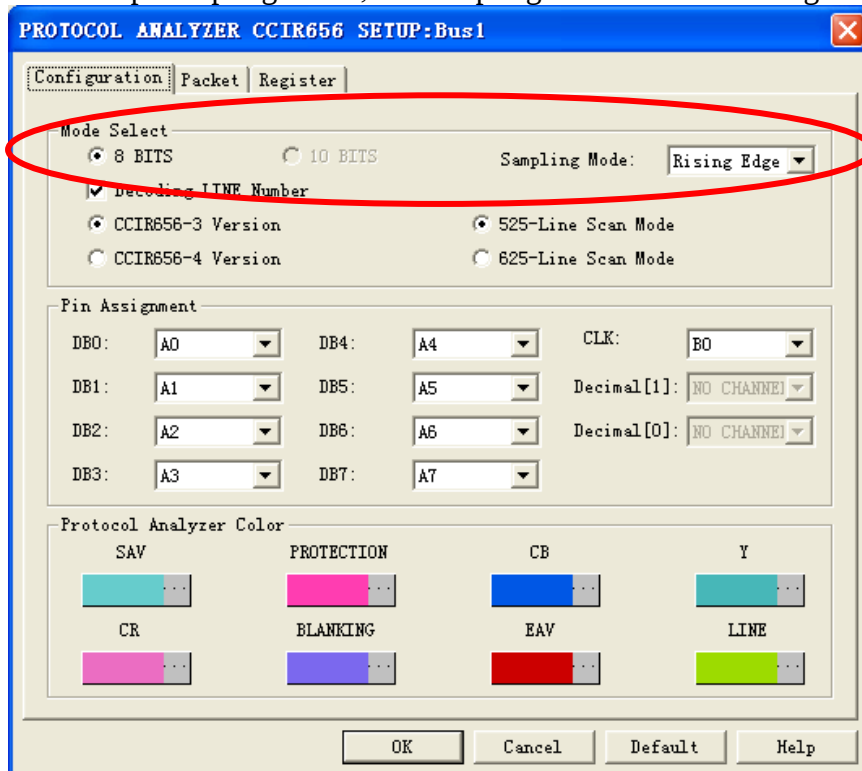




STEP 5. After completing **Register**, it turns to the **Bus Property** dialog box, and then click the parameters configuration to start the Protocol Analyzer CCIR656 setup.

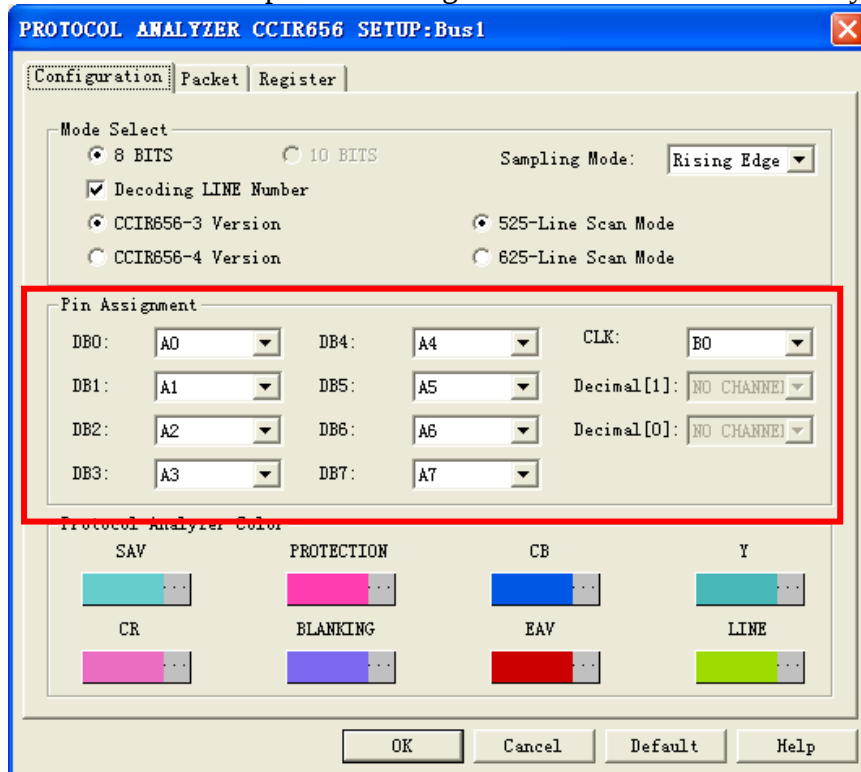


STEP 6. Set up the Mode Select for CCIR656. There are two modes to be selected, and then set up Sampling Mode; the sampling mode is set as Rising or Falling Edge of CLOCK.



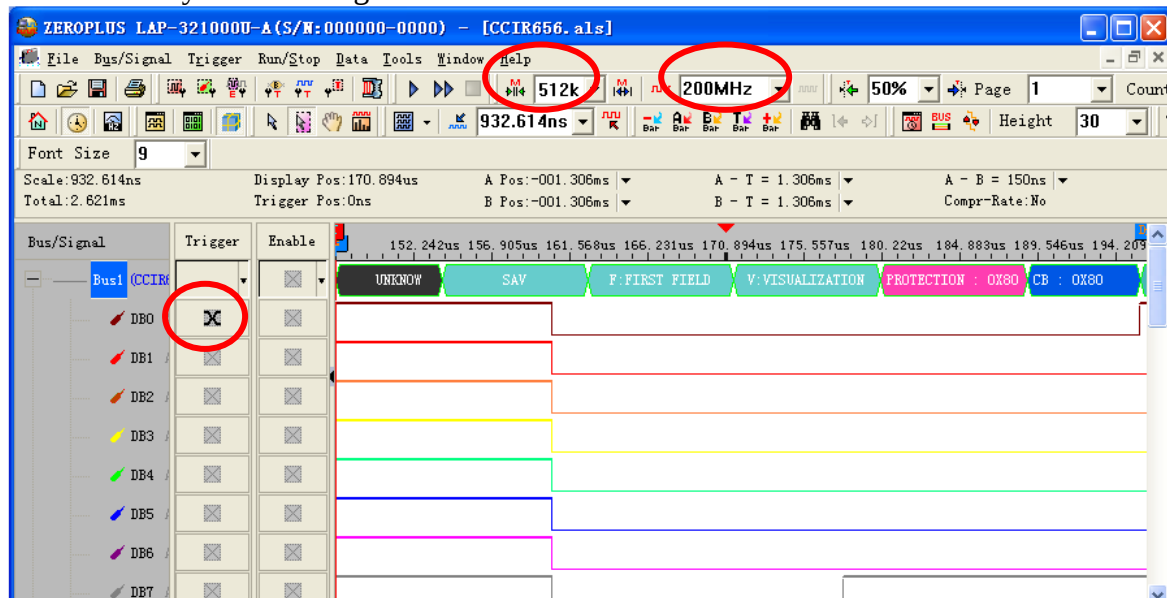


STEP 7. Set up the Pin Assignment for CCIR656 module by the following mode.



STEP 8. Following pictures show the completion of the protocol analyzer decoding and the packet list. The trigger condition is set as Either Edge; the memory depth is 512K; the sampling frequency is 200MHz.

Protocol Analyzer Decoding





Packet List

