# How to debug EVC programs online through TCP/IP

*Applies to:*

| *Platform* | *OS version* | *WinPAC/ViewPAC utility version* |
|---|---|---|
| *WP-8x3x/ XP-8x4x* | *All versions* | *All versions* |
| *WP-5000* | *All versions* | *All versions* |
| *VP-23W1/ VP-25W1* | *All versions* | *All versions* |
| *VP-4131* | *All versions* | *All versions* |

To online debug the EVC programs, perform the following steps:

## Tips & Warnings



You must install the WinPAC SDK before you can develop any EVC programs. The WinPAC SDK is a Software Development Kit (SDK) that contains C header files, C libraries and documents.

Below is the step-by-step procedure for installing the WinPAC SDK.

Step 1: Insert the CD into your CD-ROM drive

Step 2: Execute the “PAC270_SDK_YYYYMMDD.msi” file which is located in:

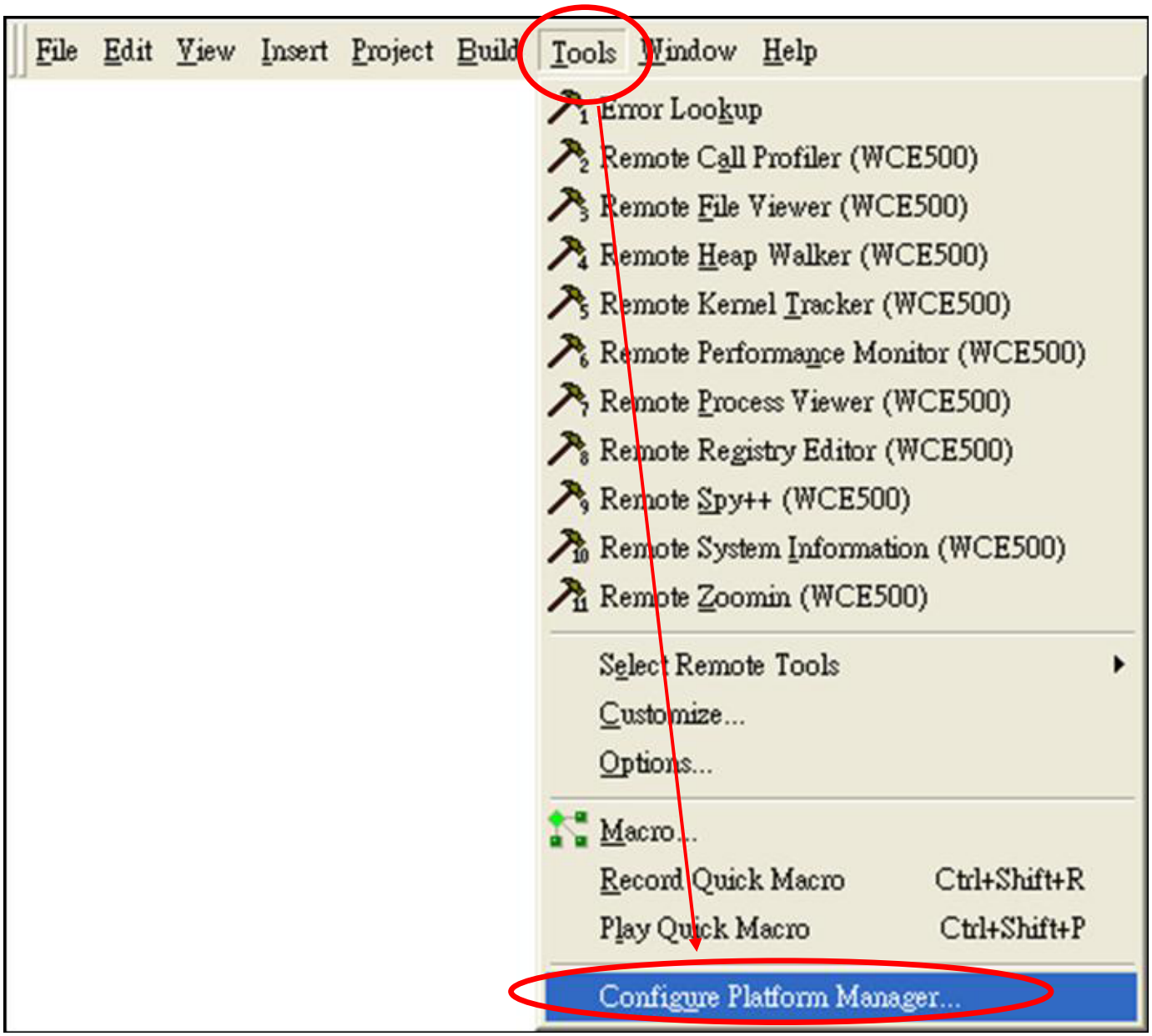
CD:\Napdos\wp-8x4x_ce50\SDK\

Step 3: Follow the prompts until the installation is complete



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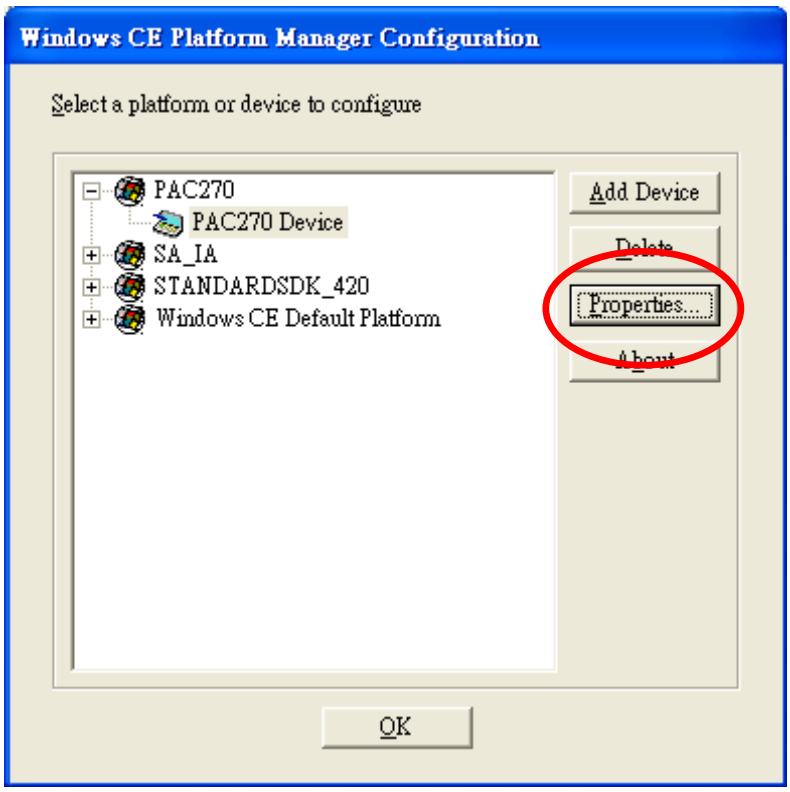
**Step 1: Click** the “Tools->Configure Platform Manager…” menu option.



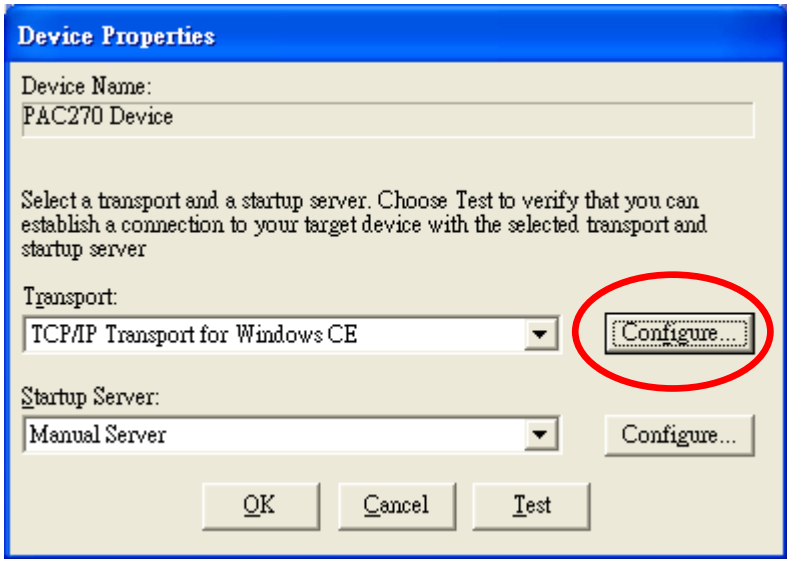



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**Step 2: Click** the “Properties…” button.



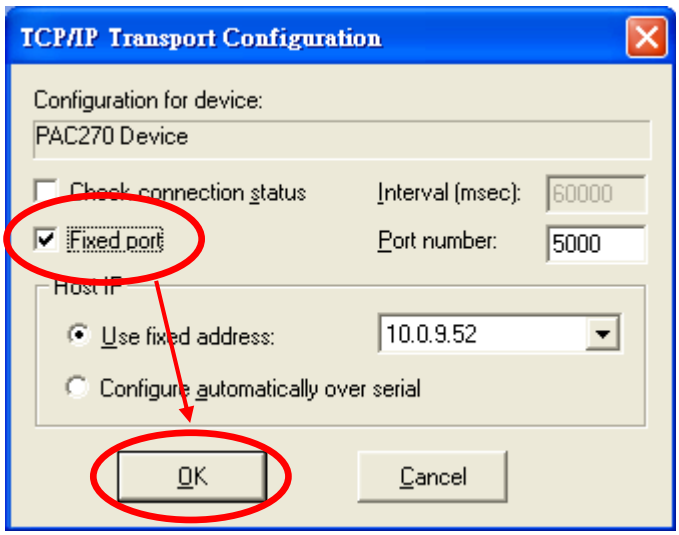

**Step 3: Click t**he “Configure…” button.



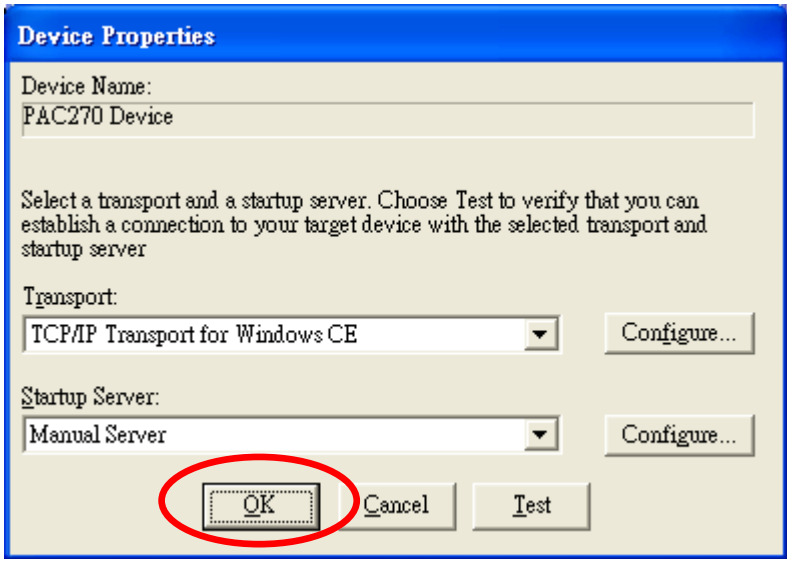



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**Step 4: Check** the “Fixed port” check box and click the “OK” button.



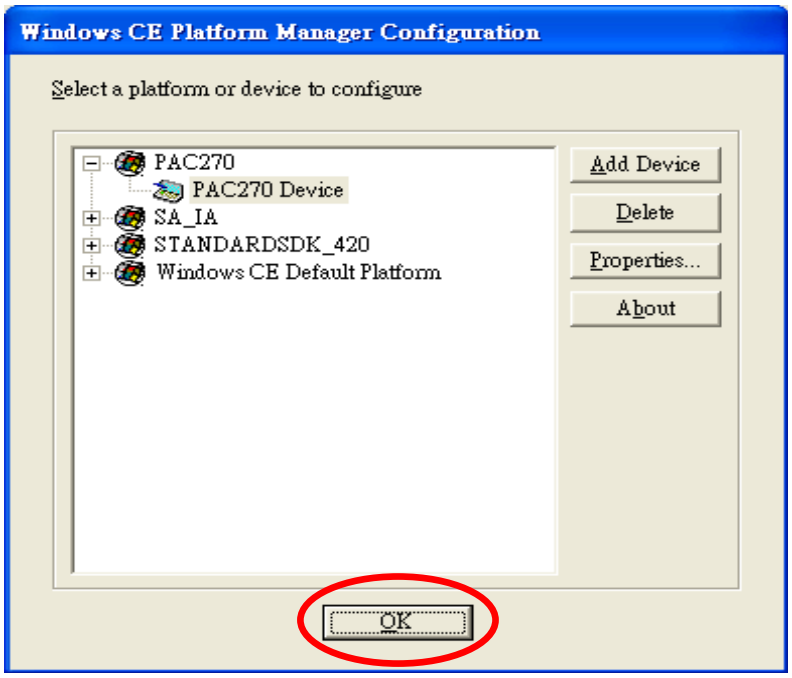

**Step 5: Click** the “OK” button.



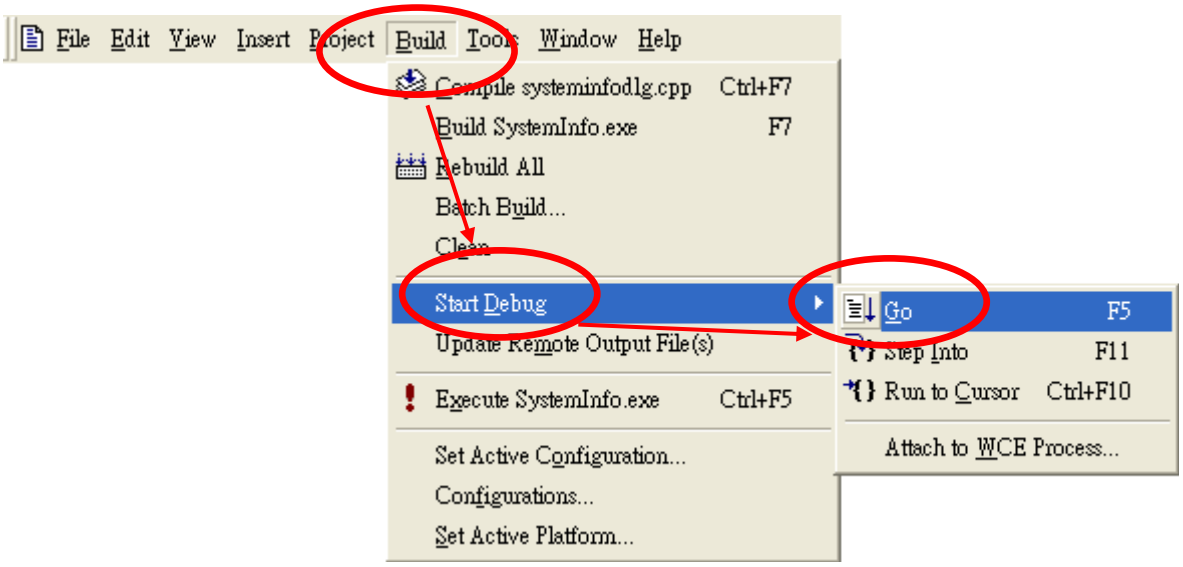



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**Step 6: Click** the “OK” button.



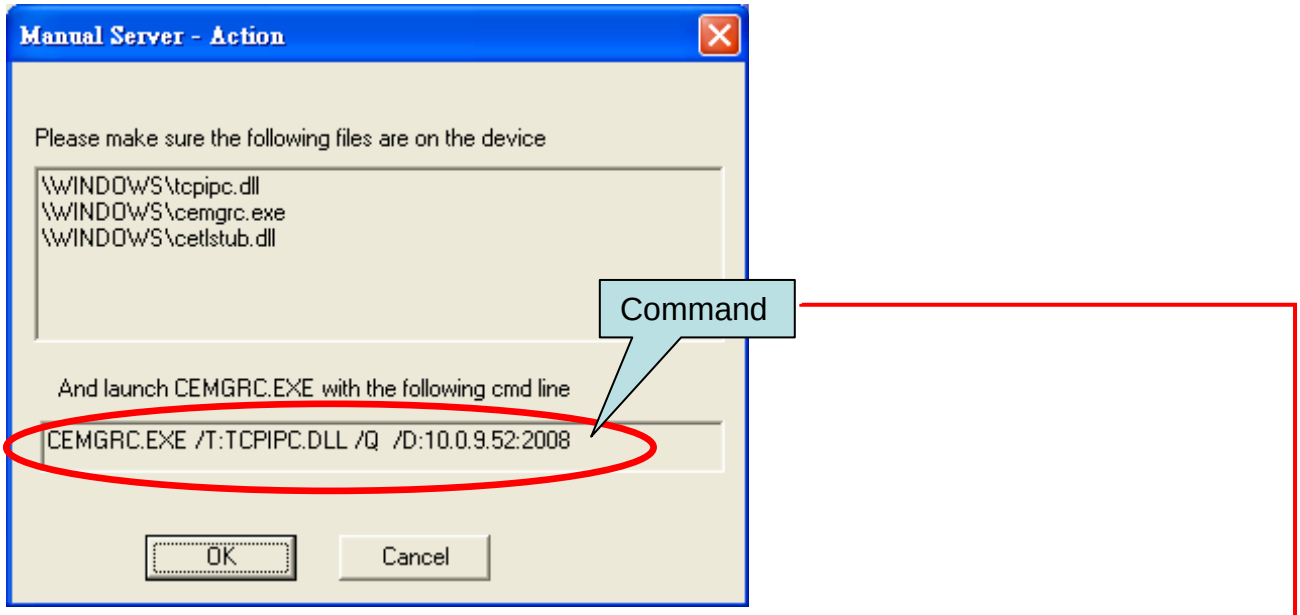

**Step 7: Click** the “Build” menu and select the “Start Debug” command, then click the “Go” command.



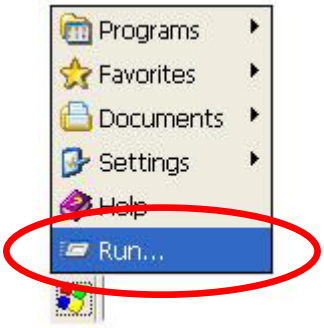



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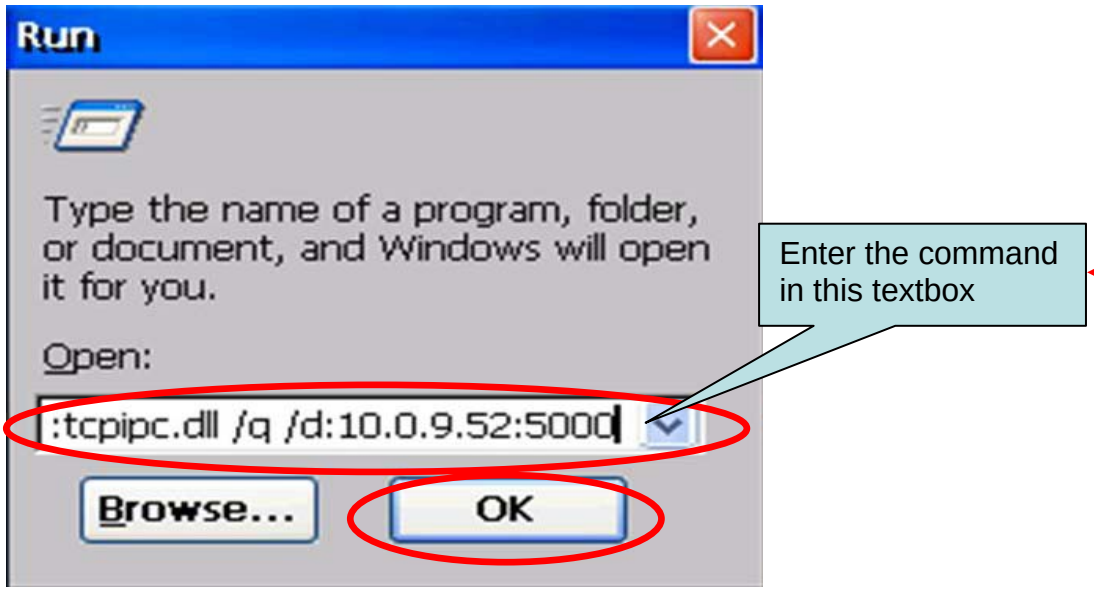
**Step 8:** The “Manual Server - Action” dialog will appear displaying a **command** line. Change to the WinPAC controller side to perform the next two-steps before clicking the “OK” button.




**Step 9:** On the WinPAC side, **click** the “Start->Run…” menu option.



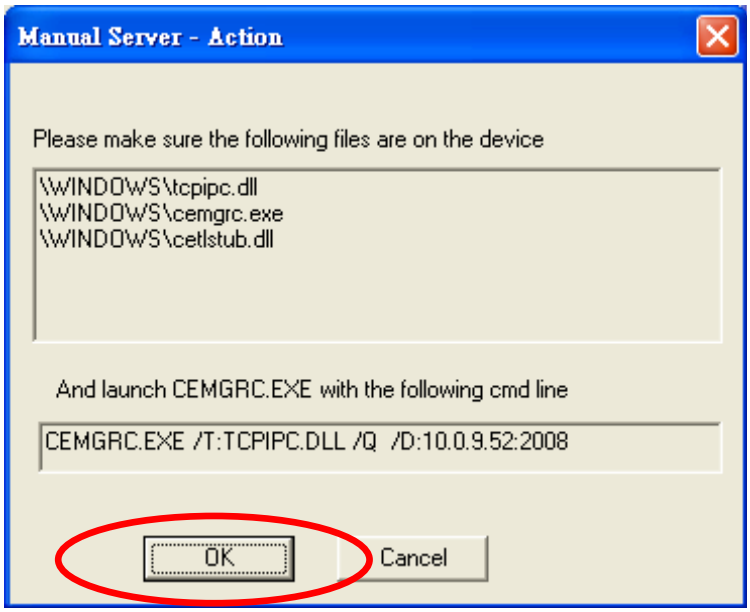

**Step 10: Enter** the **command** that was displayed in step 8 and then click the “OK” button



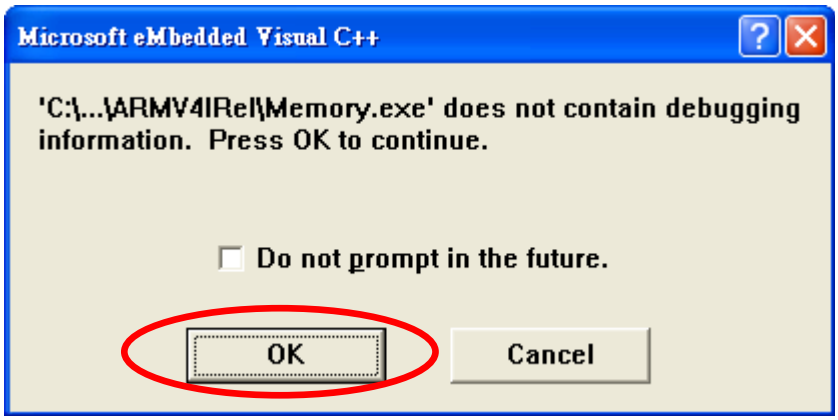



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**Step 11: Return** to the Host PC side, then click the "**OK**" button, in the "Manual Server – Action" dialog.




**Step 12: Click** the "OK" button.



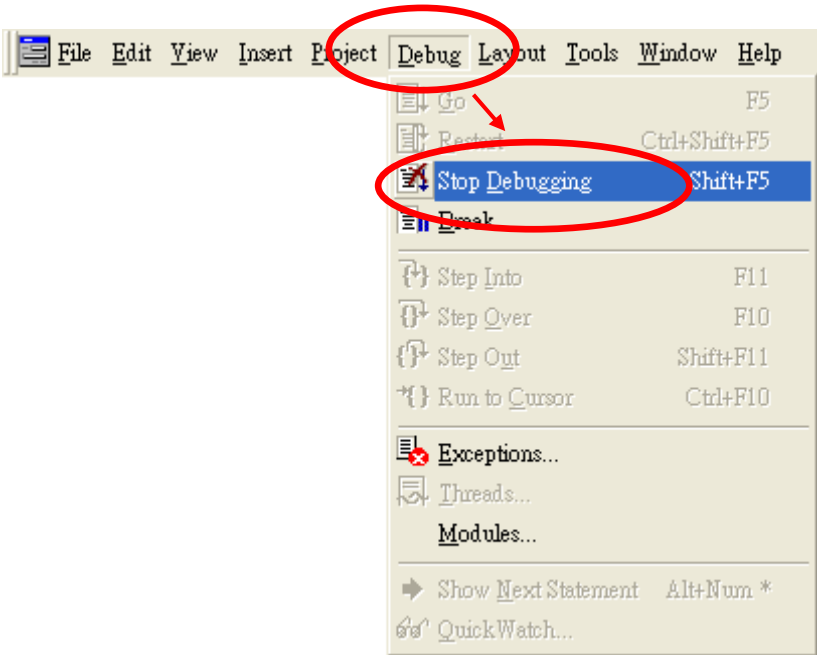

**Step 13: After** the connection is established, you can debug your programs online.



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## Tips & Warnings

If you want to quit the debugger and return to editing, click the “Stop Debugging “ button in the “Debug” menu or press Shift+F5.






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## Revision History

| Revision | Date | Description |
|---|---|---|
| 1.0.1 | 2013/05/16 | NEW: Added support information for WP-5000 and VP-4131. |
| 1.0.0 | 2010/02/12 | Initial release |



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