

## Packing List

In addition to this guide, the package includes the following items:



tM-7530

## Technical Support

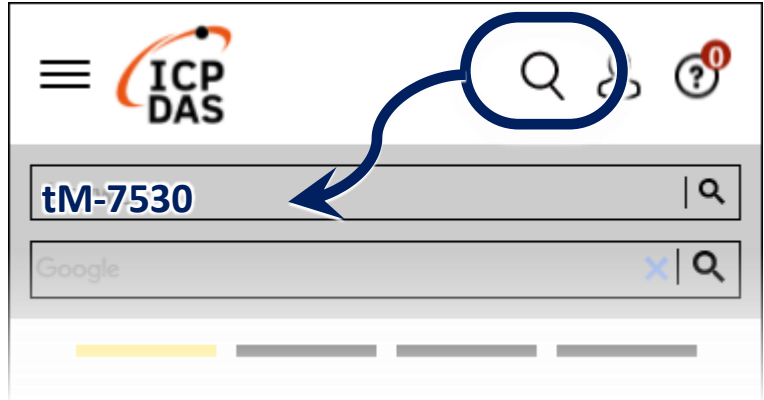
[service@icpdas.com](mailto:service@icpdas.com)

[www.icpdas.com](http://www.icpdas.com)

## Resources

How to search for drivers, manuals and spec information on ICP DAS website.

- For Mobile Web



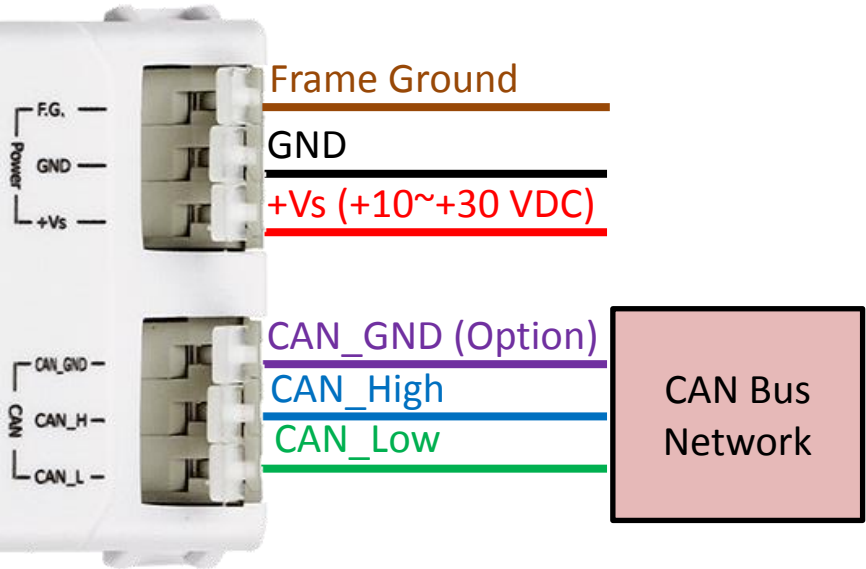
- For Desktop Web



# 1. LED Indicators

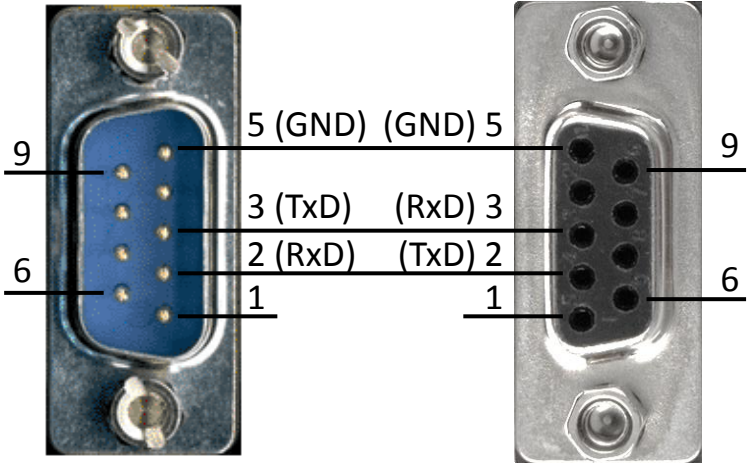
| LED Indicator | Condition                                         | Status                                |
|---------------|---------------------------------------------------|---------------------------------------|
| Run           | Configuration Mode                                | Flash Once Per Second                 |
|               | Run Mode                                          | Turn on when no data needs to be sent |
|               |                                                   | Flash once when sending a CAN message |
| Err           | FIFO overflow<br>CAN Bus Off<br>CAN Error Passive | Always turned on                      |
|               | Some errors occurred                              | Flash                                 |

# 2. Wiring Connection

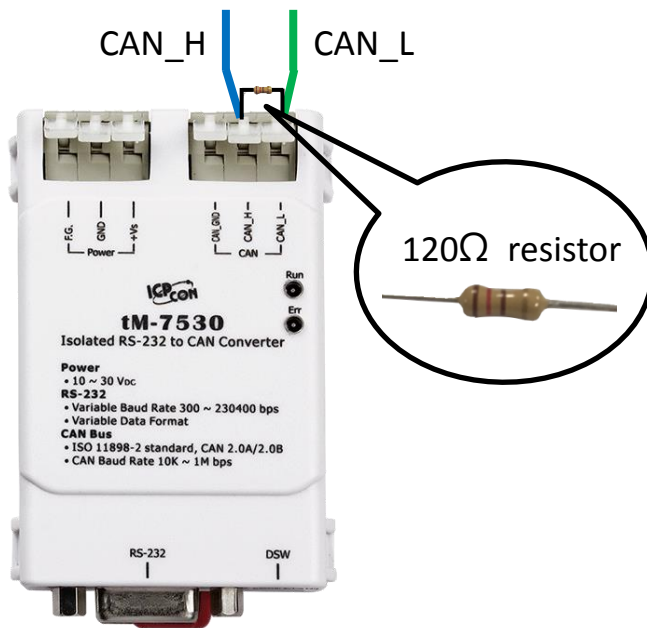


PC's DB9 RS-232  
(Male)

tM-7530's DB9 RS-232  
(Female)



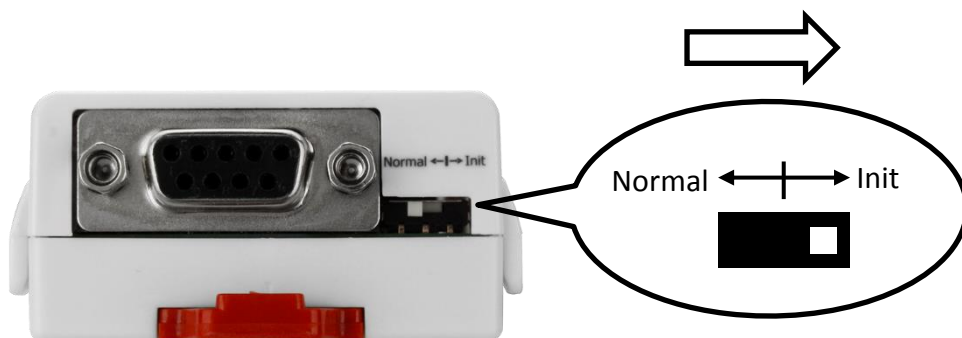
### 3. Terminal Resistor



There is no terminator resistor in the tM-7530. Therefore, if users would like to use terminator resistor, it is necessary to wire a 120Ω resistor on the CAN bus, as the figure.

### 4. Configure tM-7530 via VxCAN Utility

Step1: Switch the Normal/Init DIP-Switch to Init position of tM-7530 and power on.



Step2: Connect the available COM port of the PC to the tM-7530's RS-232, and execute the VxCAN Utility. The download link of VxCAN Utility as below.

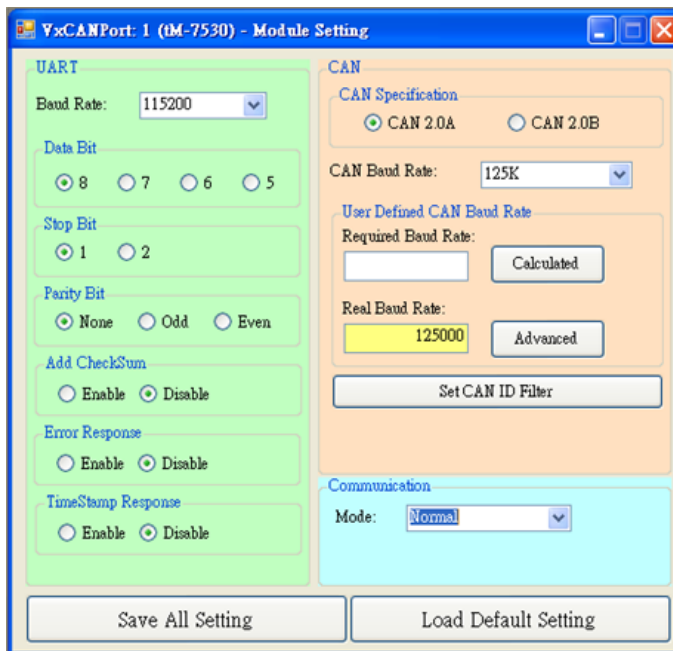
<http://www.icpdas.com/en/download/index.php?nation=US&kind1=&model=&kw=VxCAN>

Step3: Click the button  to search tM-7530 connected to the PC.

Step4: If searching done and found the tM-7530, the tM-7530 will be list in the left window of VxCAN Utility.

 tM-7530 -Init

Step5: Click the tM-7530-Init in the list and show the module configuration dialog. After configuration, the user can click the button “Save All Setting” to save the configuration into the tM-7530.



The default values in parameters of the tM-7530 are shown as below.

| <b>RS-232</b>        |        |
|----------------------|--------|
| Baud rate            | 115200 |
| Data Bit             | 8      |
| Stop Bit             | 1      |
| Parity               | None   |
| Add Checksum         | No     |
| Error Response       | No     |
| Timestamp Response   | No     |
| <b>CAN</b>           |        |
| Specification        | 2.0A   |
| Baud rate            | 125k   |
| Acceptance Code      | 000    |
| Acceptance Mask      | 000    |
| <b>Communication</b> |        |
| Mode                 | Normal |

Step6: Switch the Normal/Init DIP-Switch to Normal position of tM-7530 and power on again will use the new configuration.

Step7: Refer to the UART command string in the user manual to transmit and receive CAN messages.