

USB Serial Port Setting Guide

Setting for Smooth Waveform Display

In waveform tab, waveforms currently acquired may be displayed as in frame-by-frame advance.

To smoothen the display, setting of the COM port needs to be changed.

However, even if the waveform display becomes smooth with this setting, the data acquired is not different from the one before the setting was changed.

If smooth waveform display is not required, this setting is not necessary.

Follow the operation manual, connect the product and PC application, confirm the communication, and set the port according to the procedures below.



Key points

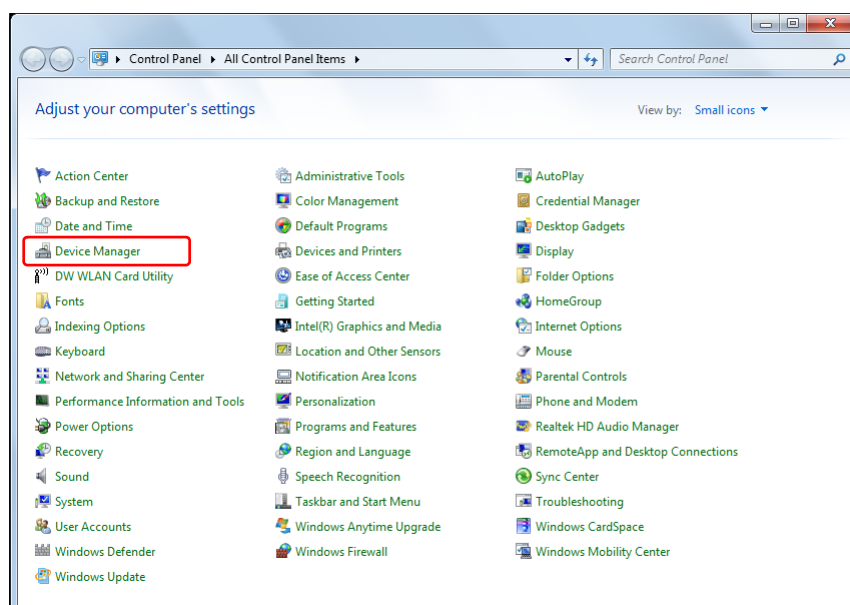
This setting is valid only on the PC but not in the PC application. Depending on the PC environment, this setting may not be valid or the system may become unstable. In such case, restore the previous setting value before the change. Moreover, even if the waveform display becomes smooth with this setting, the data acquired is not different from the one before the setting was changed.

1. Connection

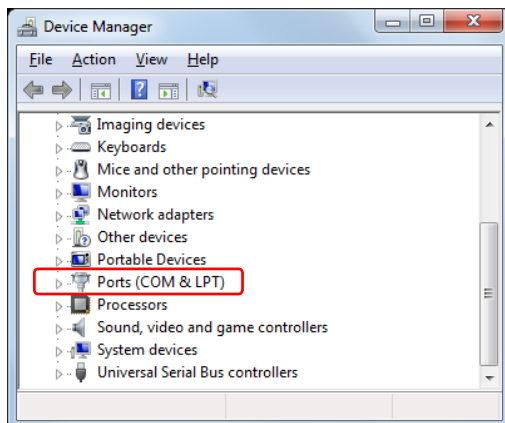
Connect the product to the PC. If the PC application has already started up, click the close button on the upper right of the screen or select "exit" in the "file" menu to exit the PC application.

2. Device Manager

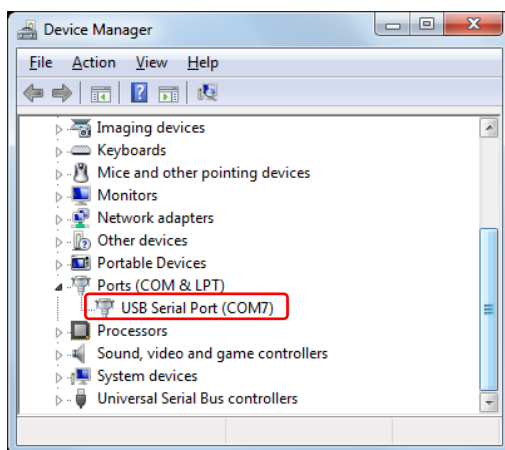
Open the control panel from the start menu.



Double-click the Device Manager of the control panel to open the manager.



Click the \triangle mark on the left of the Device Manager Port (COM and LPT).



Double-click the USB Serial Port (COM7) and open its properties.

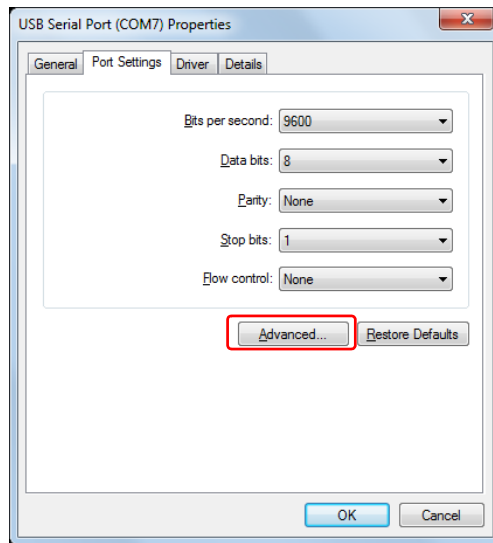
(Note) The above mentioned indicates the case where the product is connected to COM7.
COM number differs depending on the PC environment.



Key points

If the COM port number of the product cannot be determined due to multiple USB Serial Ports and so on, unplug the USB cable once and check that one COM port is removed from the list of ports (COM and LPT). When the USB cable is re-connected to the previous connector, the number of COM ports displayed in the list increases. This number represents the COM port number of the product.

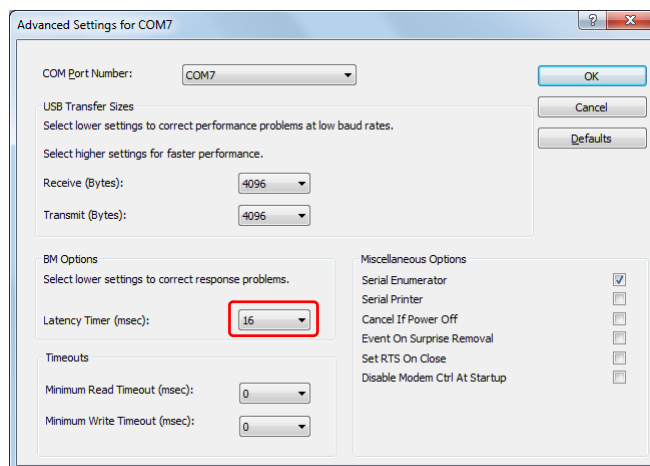
3. USB Serial Port



Select the "Port Settings" tab in the "USB Serial Port (COM7) Properties", and click the "Advanced ..." button.

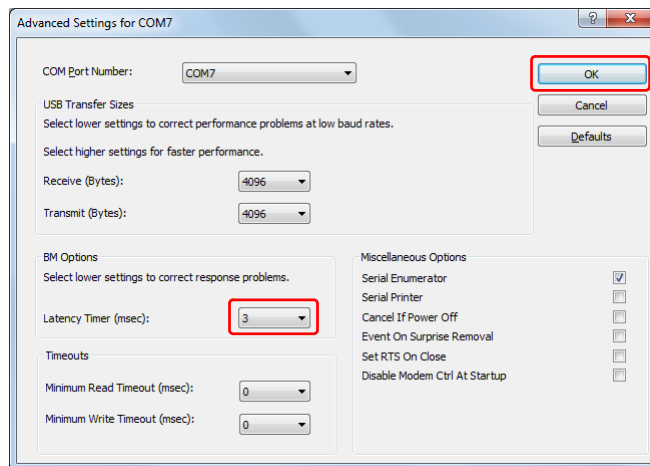
(Note) The other items in this screen are not required to be changed.

4. Advanced Setting

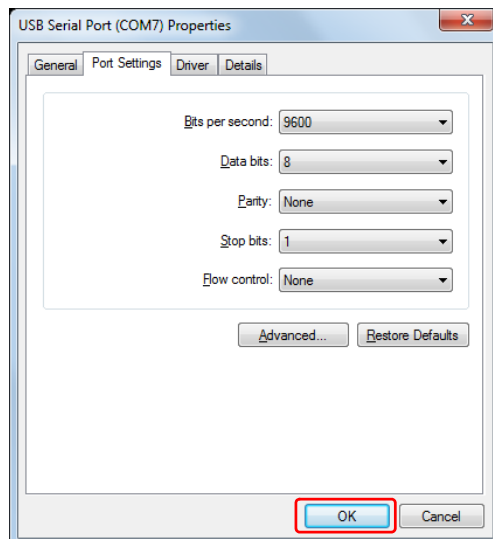


"Latency Timer (msec)" of "Advanced Settings for COM7" is changed to "3" (from 16).

(Note) The other items in this screen are not required to be changed.



Check that the Latency Timer (msec) setting has been changed to "3", and click the OK button on the upper right.



Then, click the OK button of "USB Serial Port (COM7) Properties".

The setting is complete.

Start up the PC application and check the waveform.