Prodigy Electronics

COUCOU – USB DEVICE

Functional Guide

VERSION 1.0

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VERSION CONTROL:

VERSION NO.	DATE	DESCRIPTION	BY
0.01	19-01-2015	Draft	PE
1.0	22-04-2015	Internal Release	PE

BRIEF DESCRIPTION:

The coucou – USB device is a windows based application, used for virtual COM port communication in COUCOU Device. This application supports following functions

- ➢ Auto Polling START/STOP

- ➢ DATA LOG –Auto Polling

- ➢ DATA LOG – Button event

- ➢ Version Check

   The Data Log functions save the data in a TXT file in the local system at a specific file location. A Folder will created in the system directory (i.e. c :\) and named as "COUCOU – Data Log" by the application. The data log file is saved to this folder.
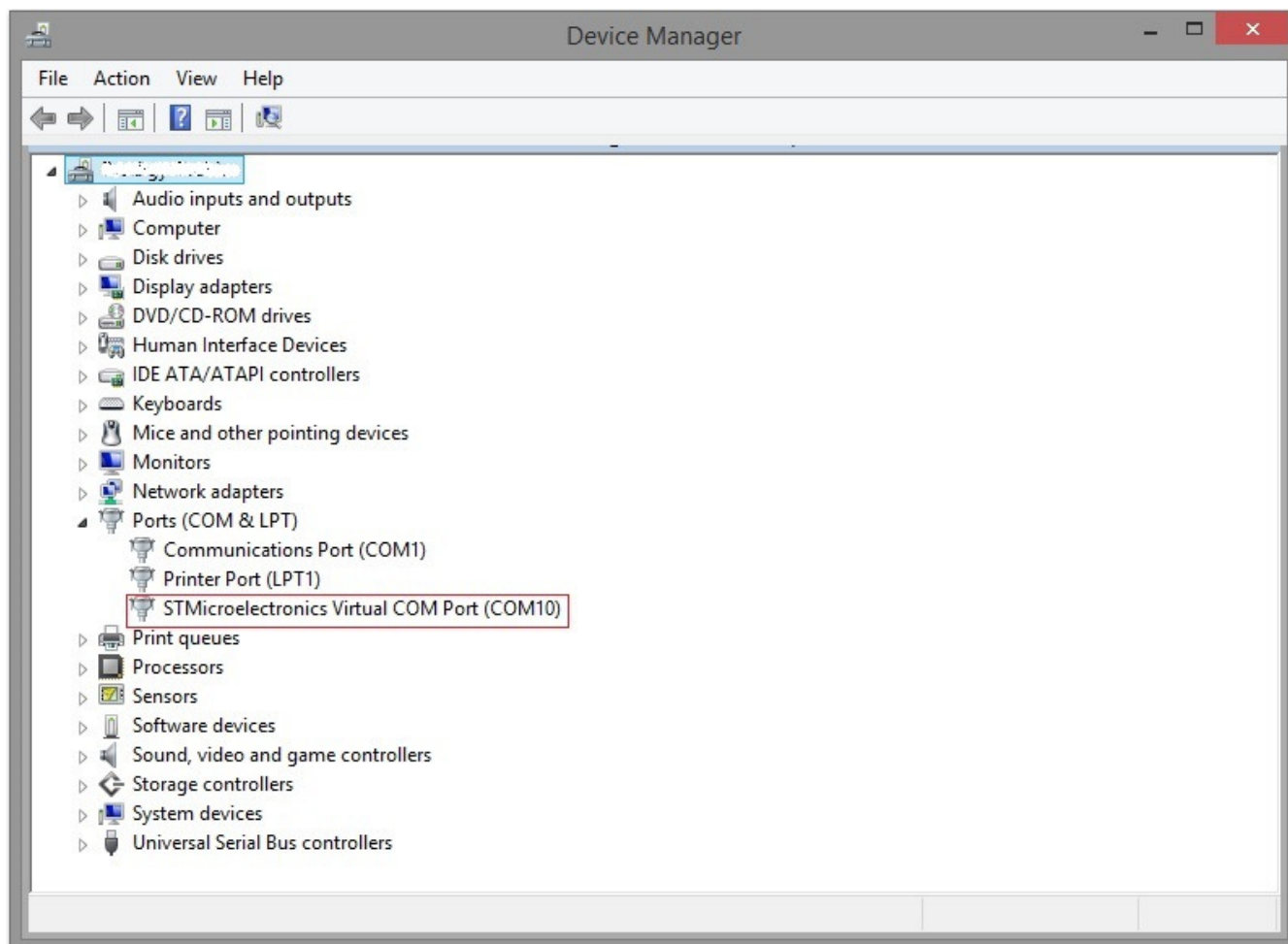
SYSTEM REQUIREMENT:

- ➢ Desktop/Laptop with windows OS(XP3/7/8 or 8.1)
- ➢ Dot net framework 4.0 pre Installed or can download the Standalone file from below link.

   http://www.microsoft.com/en-us/download/details.aspx?id=17718
- ➢ STM virtual COM port driver pre installed.
- ➢ Coucou FIRMWARE: ST_V 4.3.0

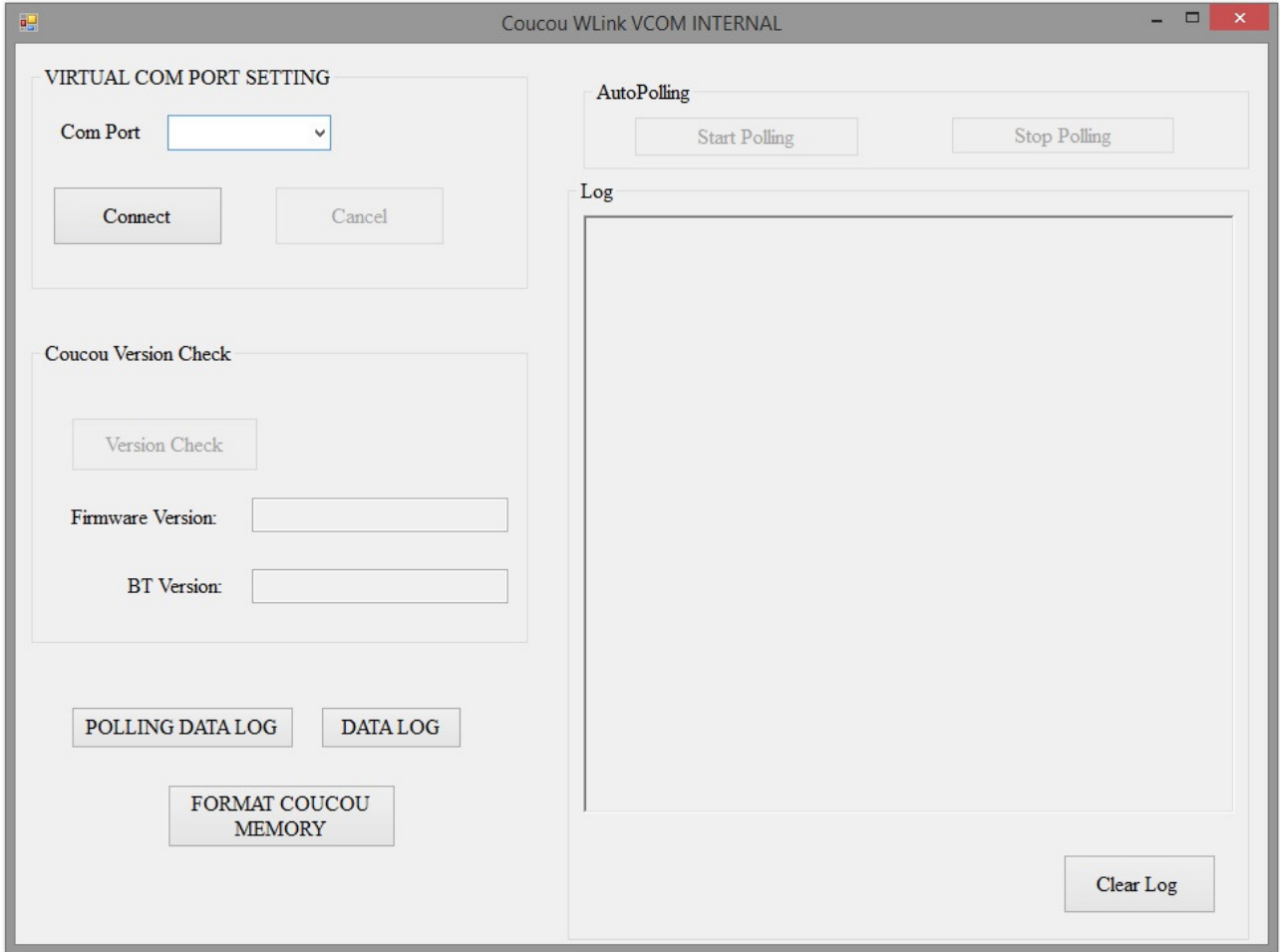## INSTALL APPLICATION AND DRIVERS:

- ➢ Download and Save the ".MSI" File in the local PC/laptop

- ➢ Install the "coucou WLink Vcom" setup File.

- ➢ Install the virtual com port drivers Setup. For download check the link in the system requirement section.

![Prodigy Electronics logo]

> ➢ Connect the coucou device using Micro USB cable to the PC/Laptop. The virtual COM Port driver for the coucou device will be updated automatically. Check for the COM port Number under ports in device Manager. For reference check the image below.

APPLICATION – INSTRUCTIONS:

1. Connect the COUCOU Device through Micro USB cable to PC/Laptop.

2. Open "coucou WLink Vcom" icon in the desktop.

3. COM PORT SETTING:

   a. Choose the COM PORT name from the drop down box.

      Note: Check COM PORT of coucou device from the device manager.

   b. Click the "CONNECT" Button. Virtual COM port Connection will be established with coucou device and PC/Laptop.

c. Click the "CANCEL" Button to terminate the connection between coucou device and PC/Laptop.

4. AUTOPOLLING:

    a. START POLLING: Click the start polling to start the polling. The data read from the card will be displayed in the "LOG" text area.

    b. STOP POLLING: Click the button to stop the polling.

5. COUCOU VERSION CHECK : Check the version of the firmware in the coucou device

6. POLLING DATA LOG: This button is used to save the data's from polling data log to a txt file in the location "c: / COUCOU – Data Log /Auto_polling_data_log.txt "

7. DATA LOG: This button is used to save the data's from the data log present in the coucou internal memory to a txt file in the location "c: / COUCOU – Data Log /Data_log.txt "

8. FORMAT COUCOU MEMORY: The button is used for Flash formatting the data in the memory of the coucou device

9. CLEAR LOG: clear the "LOG" Text area.

FURTHER INFORMATON

Refer website www.prodigyelectronics.com/products/coucou
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