

# ***Rapidlogger Systems***

## **Connecting Multiple Rapidloggers using RapidHub Program**



**RapidHub** is software that can be used to connect to up to 16 Rapidlogger devices. This software can be use with RapidVU to gather data directly from the Rapidlogger devices connected to the same network as the computer.

### **Installing and Starting RapidHub:**

You can install RapidHub on a personal computer with Windows XP, Windows Vista or Windows 7. The Rapidlogger device includes a disc with the RapidHub software. Also software can be found on our Websites at <http://www.rapidlogger.com/pages/support-downloads.html>

### **To install RapidHub:**

1. Insert the Rapidlogger disc into your computer's disc drive.
2. Open the disc and double-click the setup.exe file.
3. In the installer, follow the instructions on screen to complete the installation.

### **To start RapidHub:**

- Choose Windows Start>All Programs>Rapidlogger Systems>RapidHub.

TIP: If you use RapidHub frequently, create a RapidHub shortcut and place the icon on the Windows desktop. If you have a RapidHub icon on the desktop, double-click it to start RapidHub.

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## **Setup without Engenius Access Point:**

The RapidHub software was developed to connect to up to 16 Rapidlogger devices connected to the same network as the computer running the software.

You will need to run an Ethernet cable from each Rapidlogger into a physical Hub and the output of the Hub to your computer's Ethernet jack.

**NOTE: 1 of the Rapidlogger's IP address needs to change because both are set to 192.168.0.5. For example change one to 192.168.0.11**

1. Select the Rapidlogger device(s) using the checkbox to the left of each IP address
2. Insert your IP addresses to the right of your checked checkbox
3. Select Connect
4. For each Rapidlogger. If a connection was established, the indicator LED will turn green
5. The Rapidlogger selections and IP addresses will be saved for the next time the RapidHub software is opened.

To deselect all Rapidlogger devices and delete all IP addresses, select Clear ALL

6. Close the RapidHub software.

## **Setting up RapidHub with Engenius Access Point:**

1. Open RapidHub
2. Enter IP addresses for up to 16 Rapidlogger devices

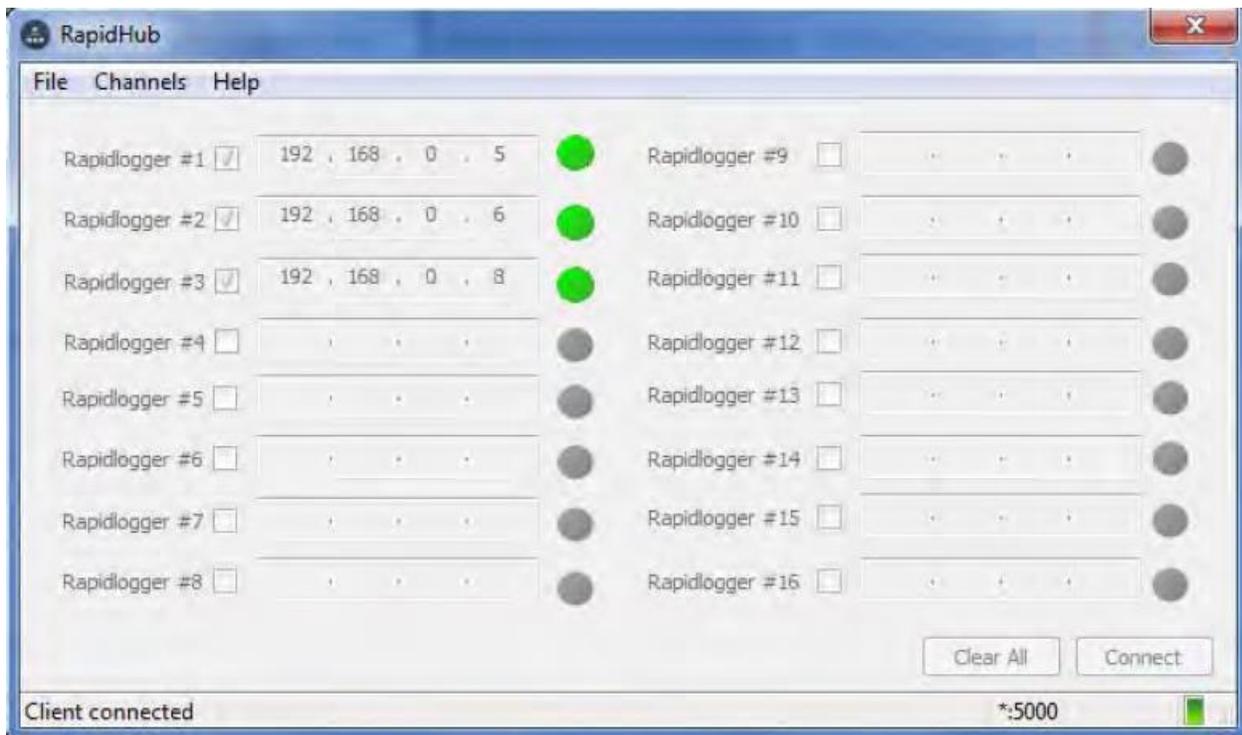
The default IP address for a Rapidlogger is 192.168.0.5. To change the IP address of the Rapidlogger see instructions from section 2.5 Common Operations under Network Settings (in User Manual).

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To deselect all Rapidlogger devices and delete all IP addresses, select Clear ALL

7. Close the RapidHub software.



## **Using RapidHub with RapidVU:**

1. Open RapidVU
2. Click Data> From RapidHub

The data from the Rapidlogger device(s) will auto-populate the data display and graphs. Rapidlogger #1 from RapidHub corresponds to data display and graphs in RapidVU with parameter name in the format Parameter\_0, Rapidlogger #2 corresponds to

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Parameter\_0 format and so on. For example as shown below, Rapidlogger 1 corresponds to the following data parameter names: Pressures\_0, Density\_0, TotalVolumes\_0, TotalRate\_0, Pump1Rate\_0, and Pump2Rate\_0.

Pressures_0 (psi)	Density_0 (ppg)	TotalVolumes_0 (bbbl)
424.0	9.6	2436.3
TotalRate_0 (bpm)	Pump1Rate_0 (bpm)	Pump2Rate_0 (bpm)
1.0	0.0	0.0
Pressure_1 (psi)	Density_1 (ppg)	TotalVolume_1 (bbl)
-3750.0	0.0	0.0
TotalRate_1 (bpm)	Pump1Rate_1 (bpm)	Pump2Rate_1 (bpm)
0.0	0.0	0.0
Pressure_2 (psi)	Density_2 (ppg)	TotalVolume_2 (bbl)
-3750.0	0.0	0.0
TotalRate_2 (bpm)	Pump1Rate_2 (bpm)	Pump2Rate_2 (bpm)
0.0	0.0	0.0

3. RapidHub can be opened from RapidVU by pressing the Rapid Hub button on the main screen.

