

## Synergy Controller Help System Video QR Codes



### Introduction

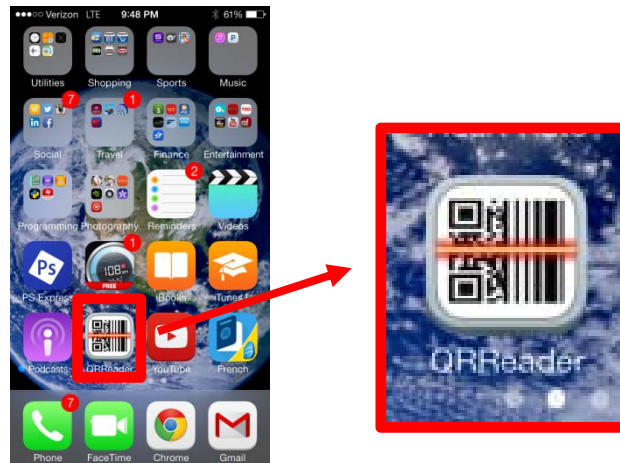
The latest Synergy Controller help system takes advantage of the increasing popularity of smart phones (including iOS and Android versions), the simplicity and power of the QR code, and our Synergy Controller YouTube video channel to bring training and support to operators and engineers where and when they need it.

This application note describes the simple steps required to setup an iPhone to access Synergy Controller demonstration videos using the QR codes from the built-in help system.

Tidal Engineering's Synergy Controllers, including the ¼ DIN Synergy Nano, Synergy Quattro, and the Synergy Micro 2, (shown below) provide state-of-the-art usability and connectivity for environmental test control and data acquisition. They combine the functions of a chamber controller and a data logger. They are designed to improve test efficiency by supporting both factory automation and test and measurement protocols and standards. Offering the flexibility of multiple communication ports including Ethernet, GPIB, and RS-232 makes these controllers perfect for today's changing testing environments.



To take advantage of these features we recommend the QR Reader available on the iPhone App store from TapMedia Ltd. Once the software is loaded you can start the QRReader application with the icon as shown below.



And then by scanning the QR code on the controller screen or in the printed documentation you can instantly call up an appropriate demonstration video.

The Synergy Controller YouTube video will automatically load on the iPhone as shown below:



The same video viewed on the PC

The following are some QR codes for typical Synergy Controller YouTube channel videos.



Note that QR Codes are supported on the ¼ DIN Synergy Nano, Synergy Quattro, and Synergy Micro 2 with software application Version 3.0.15 and newer. Contact the Tidal Engineering if you are interested in a software upgrade.

## About the Synergy Controller Family

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Synergy Controller feature highlights includes:

- ➔ Color touch screen
- ➔ Ethernet, RS-232 and GPIB communications
- ➔ Built in 100 MB Data logger with USB drive support
- ➔ Data Acquisition, up to 64 T-type thermocouples (Optional)
- ➔ Built-in Web Server for remote control; WebTouch Remote™
- ➔ Compatible with Synergy Manager for PC based control, monitoring and programming.
- ➔ Built-in FTP Server for factory automation and test and measurement applications

For more information regarding these controllers please see the full Synergy Controller Technical Manual on our website at <http://www.tidaleng.com/synergy.htm>

## About Tidal Engineering

Headquartered in Randolph, NJ, Tidal Engineering Corporation has been designing and building award-winning embedded hardware and software for test and measurement and data acquisition applications since 1992. The company is recognized for technical expertise in such areas as Embedded IEEE 488, and turnkey SCADA (Supervisory Control and Data Acquisition) systems.

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