

Wifi datalogger with 2 x temperature sensors

<http://hobbyist.co.nz/?q=wifi-datalogger-monitoring-system>

[View the Graphs & download the data over wireless \(Wifi\)](http://hobbyist.co.nz/?q=wifi-datalogger-monitoring-system)

Touch screen Lcd for Arduino Uno & Mega 2.4 inch

Image:



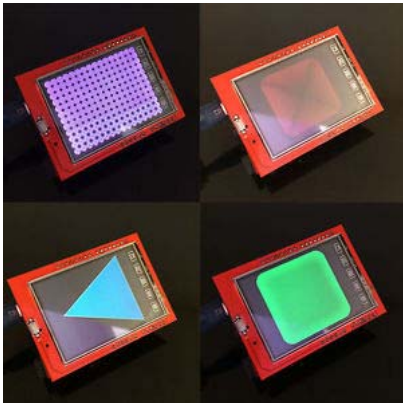
Description:

Quite a lot of projects needs a screen to display information, be it

temperature/humidity or vehicle speed or an image from the internet. This is a perfect display to fit these projects, it has 65k colors and a resolution of 240 x 320. It even has touch capability and comes with code examples to make it easy to get started. You can

build your touch sensitive interactive project using this display without much effort.

The shield works well with Arduino Mega and Uno, it comes with an SD card slot which can be used to store high resolution images and data. The details on how to access the SD card is given below.



Arduino Pin Connections

Arduino Pin	LCD Shield Pin	Use
3.3V	3.3V	Power
5V	5V	Power
GND	GND	Power
A0	LCD_RD	LCD Control
A1	LCD_WR TOUCH_YP	LCD Control / Touch Data
A2	LCD_RS TOUCH_XM	LCD Control / Touch Data
A3	LCD_CS	LCD Control
A4	LCD_RST	LCD Reset
D2	LCD_D2	LCD Data
D3	LCD_D3	LCD Data
D4	LCD_D4	LCD Data
D5	LCD_D5	LCD Data
D6	LCD_D6 / TOUCH XP	LCD Data/ Touch Data
D7	LCD_D7 / TOUCH YM	LCD Data / Touch Data
D8	LCD_D0	LCD Data
D9	LCD_D1	LCD Data
D10	SD_CS	SD Select
D11	SD_DI	SD Data
D12	SD_DO	SD Data
D13	SD_SCK	SD Clock

Link to library with examples to get the touch screen LCD working:

<http://hobbyist.co.nz/sites/default/files/lcdTouch2.4/SPFD5408.zip>
<http://hobbyist.co.nz/sites/default/files/lcdTouch2.4/SPFD5408.zip>

Install library in the <Path to Arduino IDE>/libraries folder

Once installed open the File->Examples->SPFD5408 to view and run the examples



To access the SD card, download the sdfat library from this link

<https://github.com/greiman/SdFat>

Price: \$39.99

Add to cart