



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



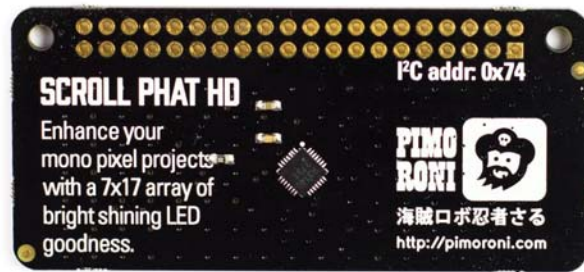
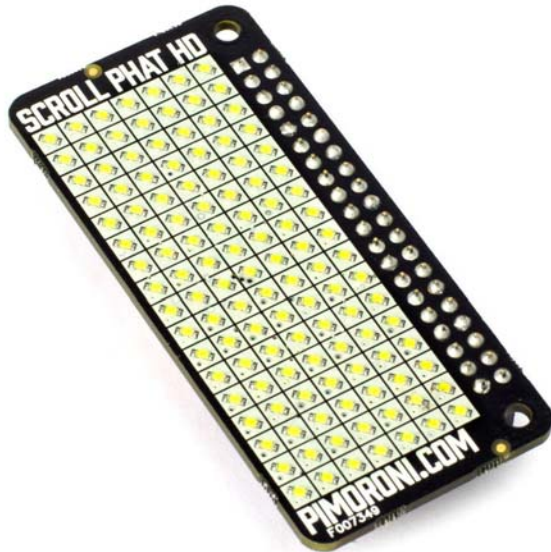
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Scroll pHAT HD

A whole heap of LED pixels with individual brightness control, for scrolling messages, animations, and more - Scroll pHAT HD!

Scroll pHAT HD packs 17x7 pixels (119 total) onto a single pHAT, and gives you full PWM brightness control over each pixel. Create beautiful animations and even anti-aliased text by taking advantage of the per-pixel brightness.

Now also available in beautiful coloured versions: red, orange, yellow, green, blue, and pink!

Use Scroll pHAT HD as a scrolling message display for your tweets, the weather or the news, or use it as a 17-band spectrum analyser for your audio. There's even enough pixels for simple games like Tetris, Pong, or snake.

Features

- 17x7 matrix of bright white, or coloured, pixels (119 total)
- Individual PWM brightness control of each pixel
- Uses the IS31FL3731 LED matrix driver chip
- Scroll pHAT HD pinout
- Compatible with Raspberry Pi 3, 2, B+, A+, Zero, and Zero W
- Python library
- Female header requires soldering

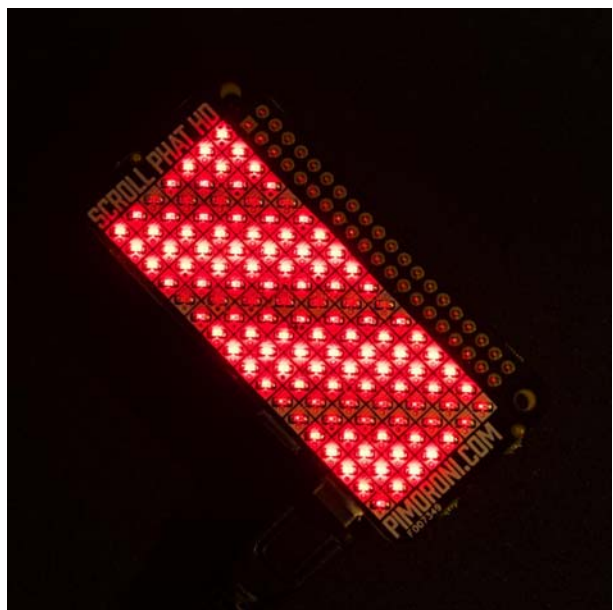
Software

Our handy one-line installer will install the Scroll pHAT HD Python library for you. We've included a bunch of examples too, to show off what you can do with Scroll pHAT HD.

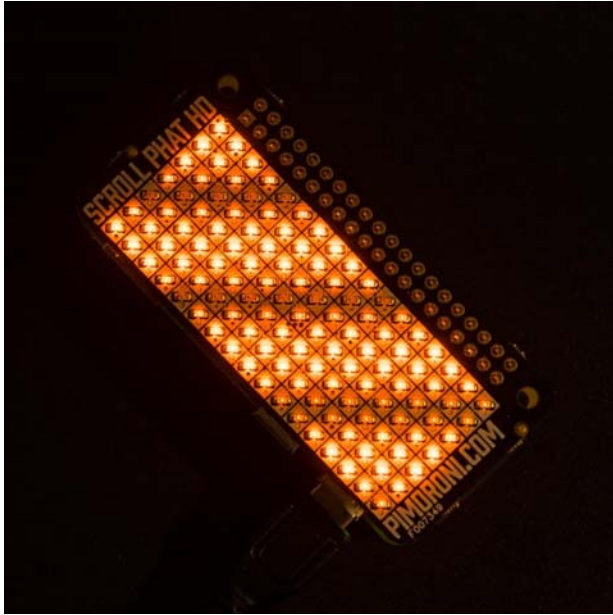
Our software does not support Raspbian Wheezy.



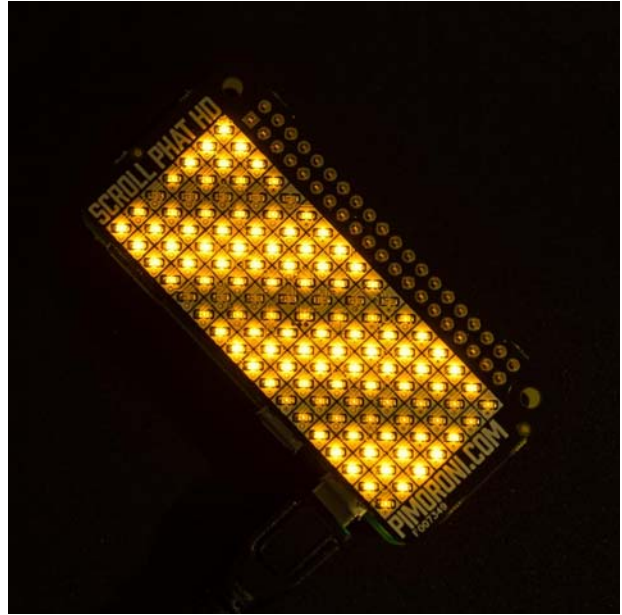
White /PIM268



Red /PIM331



Orange /PIM332



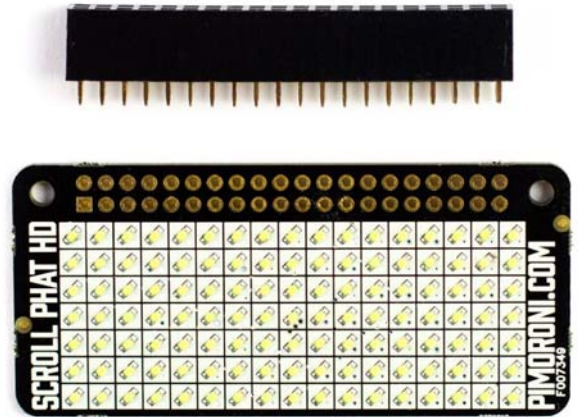
Yellow /PIM333



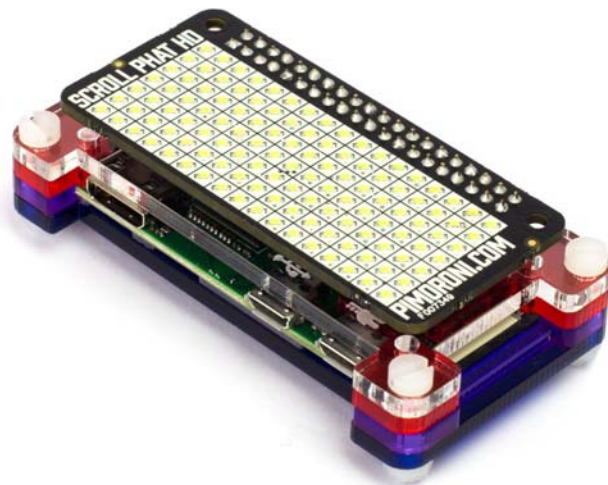
Green /PIM334



Blue /PIM335



Pink /PIM336



<https://shop.pimoroni.com/products/scroll-phat-hd> 3-7-18