

## Pridopia Raspberry Pi USB-Serial-TTL console adapter

- 1. Turn off the DC power from Rs-pi
- 2. The Pin1 to plug-in to P1
- 3. Connect the USB cable to USB port
- 4. Run the Hyper terminal program

from PC, and do the basic setting as follow

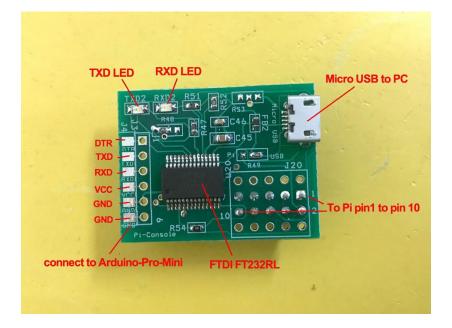
The necessary settings are:

- Speed: 115200 baud
- Data bits: 8 Stop bits: 1
- Parity: None

Flow control: None

5. Turn on the power of your Pi

6. You will see the Pi boot procedure from the screen.



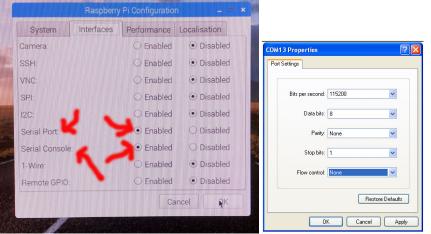
\* Provide USB to serial TTL Port, easy to use PC as terminal to access Pi

 $\ast$  Provide Arduino-Pro-Mini access pin easy upload program to Arduino

\* Provide Pi pin1 to pin10 prototype area for easy modify use.

\* Provide TXD, RXD LED for easy check status.

\* Use FTDI FT232RL chip, support most OS



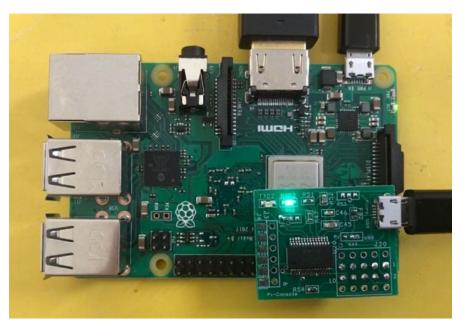
Pi serial console config

PC side setting



easy upload program to Arduino-Pro-Mini

Device Manager	RuTTY Configuration	
File Action View Help	Category:	
> 🖪 🗗 🎒 😰 🖪 🔕	Session	Basic options for your PuTTY session
ASPIRE5735 Batteries Computer Disk drives Disk drives DVD/CD-ROM drives Human Interface Devices DE ATA/ATAPI controllers Mice and other pointing devices Mice and other pointing devices Modems Motions Network adapters Ports (COM & LPT)	<ul> <li>Coging</li> <li>Coging</li> <li>Keyboard</li> <li>Bell</li> <li>Features</li> <li>Window</li> <li>Appearance</li> <li>Behaviour</li> <li>Translation</li> <li>Selection</li> <li>Colours</li> <li>Connection</li> <li>Data</li> <li>Proxy</li> <li>Telnet</li> <li>Rlogin</li> </ul>	Specify the destination you want to connect to Serial line Speed CDM22 [115200 Connection type: Raw Telnet Rlogin SSH Seri Load, save or delete a stored session Saved Sessions Default Settings PI pi-14
SSH     SSH	i⊒⊢ SSH I Serial	Close window on exit: Always Never Only on clean exit
Grad System devices     Grad Bus controllers	About Help	Open Cancel



Setting in Putty

## 12.098988] Adding controls .. 12.104479] Registering card .... 12.118146] bcm2835 ALSA CARD CREATED! 12.130070] ### BCM2835 ALSA driver init OK ### 12.825626] Adding 131068k swap on /var/swapfile. Priority:-1 extents:4 acro ss:147456k SS Debian GNU/Linux 6.0 raspberrypi ttyAMAO raspberrypi login: pi Password: Last login: Thu Jan 1 01:00:41 BST 1970 on ttyAMAO Linux raspberrypi 3.1.9+ #138 PREEMPT Tue Jun 26 16:27:52 BST 2012 armv61 The programs included with the Debian GNU/Linux system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/\*/copyright. Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law. Date and Time are unknown - using 2012-07-16 14:32 as an approximation Correct the date and time using e.g: sudo date --set="2012-07-16 14:32" pi@raspberrypi:~\$ 📘

In PuTTY

Product information from our web site <a href="http://www.pridopia.co.uk/pi-usb-console.html">http://www.pridopia.co.uk/pi-usb-console.html</a>

FTDI chip driver https://www.ftdichip.com/Drivers/VCP.htm

## **Package Content**

1x Raspberry Pi USB Serial TTL console adapter 1x manual