2.6 Stacking of IOL HAT Pro

Hardware manual

www.pinetek-networks.com

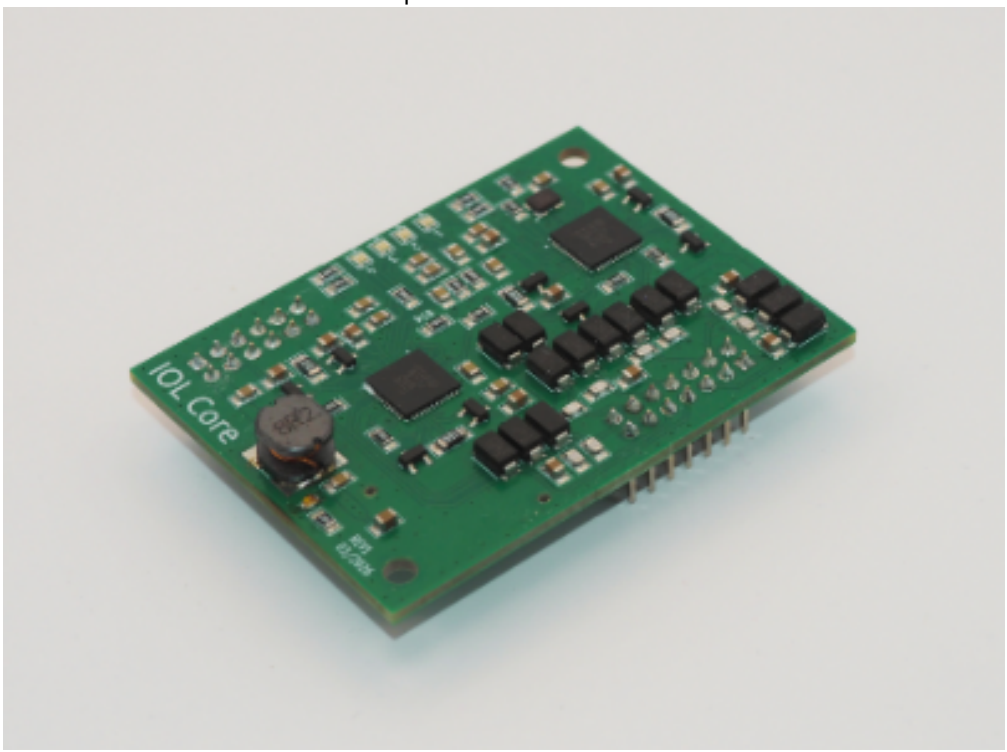
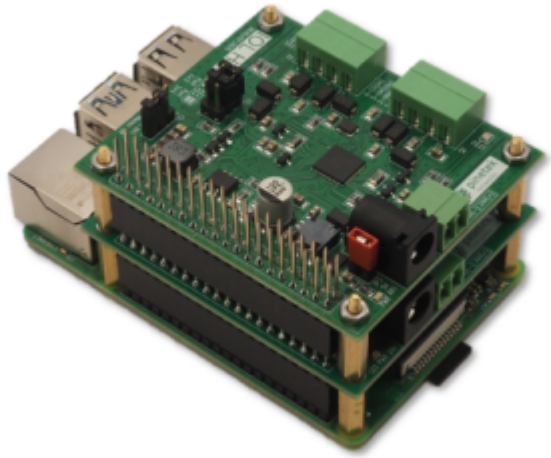


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2.6 Stacking of IOL HAT Pro

Two IOL HAT Pro can be stacked on top of each other:



To ensure proper operation, set JP1 to Port 1+2 on one IOL HAT Pro and JP1 to port 3+4 on the other IOL HAT Pro. If you decide to control the IOL enable through the Raspberry Pi (GPIO23, Jumper JP2), the enable signal applies for both IOL HAT Pro.

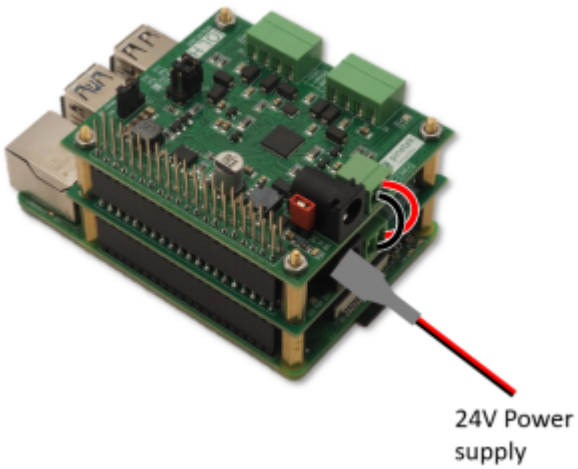
Raspberry Pi power supply considerations



If you are powering the Raspberry Pi through the IOL HAT, please ensure that only one of the IOL HAT Pro has JP3 set.

24 V distribution

If you power the IOL HAT Pro through X5 (round connector), you can use X6 to connect 24V between the boards:



If you connect via X6, you need to connect both boards over the X6 connection:

