

## 2.6 Stacking of IOL HAT Pro

Application Manual

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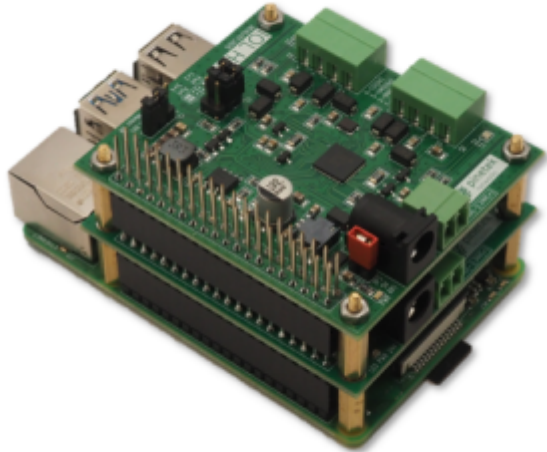
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## 2.6 Stacking of IOL HAT Pro

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.

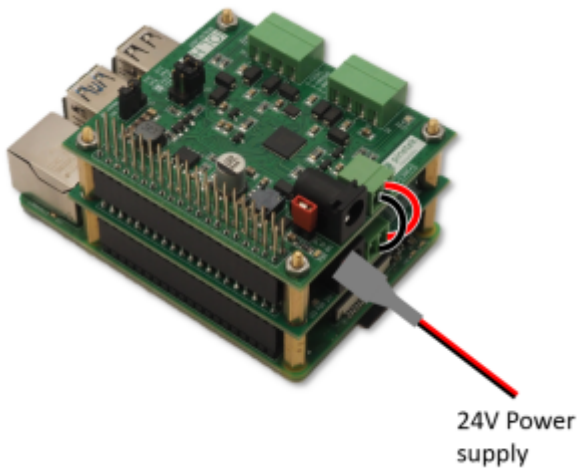
### Raspberry Pi power supply considerations



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:

