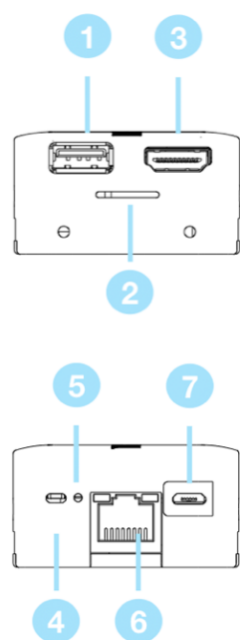


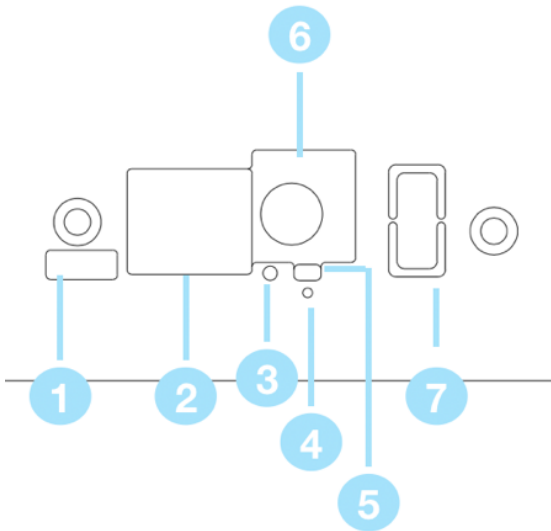
# Blue Pill Panel Connections

## Blue Pill Units



1	USB-A Port. See Settings page for more details
2	SKAARHOJ Expansion Slot. See extension cables section for more details (coming soon)
3	HDMI Port serial diagnostics and debugging
4	Config Button to enable WiFi Access Point. See Accessing Blue Pill section in Getting Started Guide
5	Status LED for monitoring and debugging
6	IP Network RJ45 Port for IP control and 5W-30W PoE (+)/PoE Standard: IEEE 802.3af/t
7	Micro USB Port for serial communication and 5V power

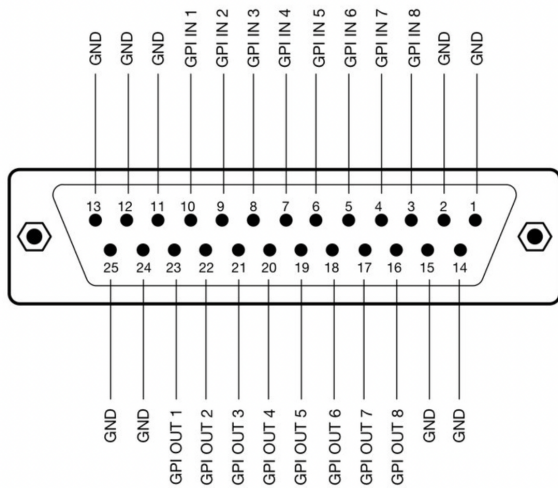
## Blue Pill Inside Units



1	Micro USB Port for serial communication with SKAARHOJ Firmware Updater
2	IP Network RJ45 Port for IP control and 5W-30W PoE (+)/PoE Standard: IEEE 802.3af/t
3	Status LED for monitoring and debugging
4	Reset button. Use only under the guidance of SKAARHOJ support
5	Config Button to enable WiFi Access Point. See Accessing Blue Pill in the Getting Started Guide
6	12V DC Power Supply for connection to the supplied DC power adaptor
7	USB-A Port. See Settings page for more details, not available on all models

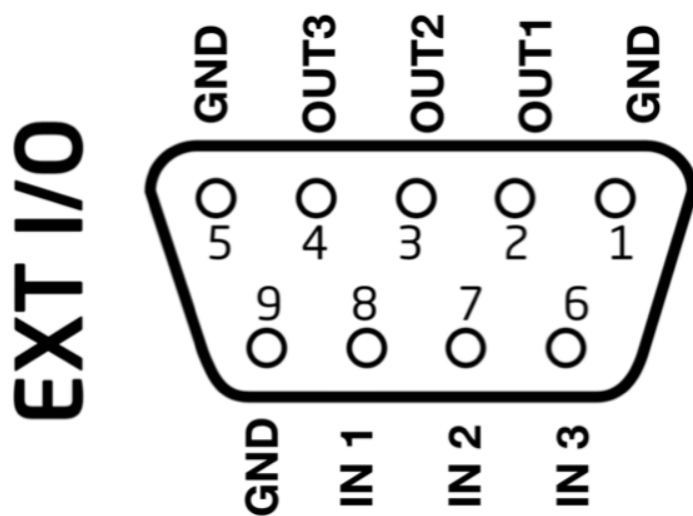
### Color Fly DB-25 Connector

GPI is an add on option for the Color Fly v3B, it does not come standard.



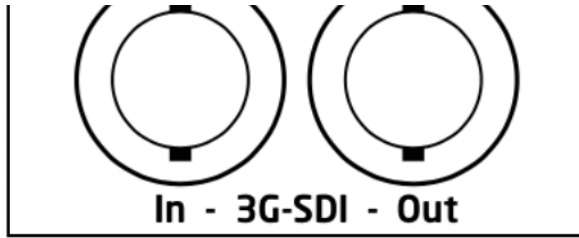
## RCP Pro DB-9 Connector

The RCP Pro only has 3x GPI Input and 3x GPI Outputs that are programmable, this is different than the RCPv2.



## 3G SDI Arduino Shield

SDI is an add on option for the Color Fly v3B, it does not come standard.



The Blackmagic 3G-SDI Arduino Shield supports the

following formats using SDI Level B: 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50 (output only), 1080p59.94 (output only) and 1080p60 (output only), but the camera doesn't have to be running the same video format as the program input, so you can use cameras in Ultra HD while the camera protocol is sent over HD signal to the camera.

---

Revision #5

Created 5 October 2022 11:42:56 by Heather Pedersen

Updated 8 May 2023 08:27:02 by Heather Pedersen