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51camera抖音公众号



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Flir BFS 系列相机

如何触发 ZQA 频闪灯？

一、硬件线序说明

相机电源线线序定义

Blackfly S Cased Models

Diagram	Color ¹	Pin	Line	Function	Description	Parameter	Min	Max	Unit
	Green	1 ²	3	V _{AUX}	Auxiliary Input Voltage (DC)	Input Voltage Range	8	24	V
				GPI	Non-isolated Input	Input Low Level	0	1.4	V
						Input High Level	2.6	3.6	V
						Propagation Delay		1	μs
	Black	2	0	OPTOIN	Opto-isolated Input	Input Low Level	0	1.4	V
						Input High Level	2.6	30	V
						Input Current	3.5	7	mA
						Propagation Delay Low to High		18	μs
						Propagation Delay High to Low		9	μs
	Red	3 ²	2	VOUT	Camera Power Output	Output Voltage	3.05	3.35	V
				GPIO ³	Non-isolated Input/Output	Output Current		120	mA
						Input Low Level	0	1.4	V
						Input High Level	2.6	24	V
	White	4	1	OPTOOUT ³	Opto-isolated Output	Propagation Delay		1	μs
						Output Low Current		25	mA
						Output High Level	0	24	V
						Output Low Current ⁴		25	mA
	Blue	5	N/A	Opto GND	Opto-isolated Ground	Output High Level	0	24	V
						Propagation Delay Low to High		36	μs
	Brown	6	N/A	GND	Camera Power Ground	Propagation Delay High to Low		18	μs

ZQA 频闪灯线序定义如下:

6-pin 防水接头:



1: 电源 GND

2: 电源 VCC (+12~+24V)

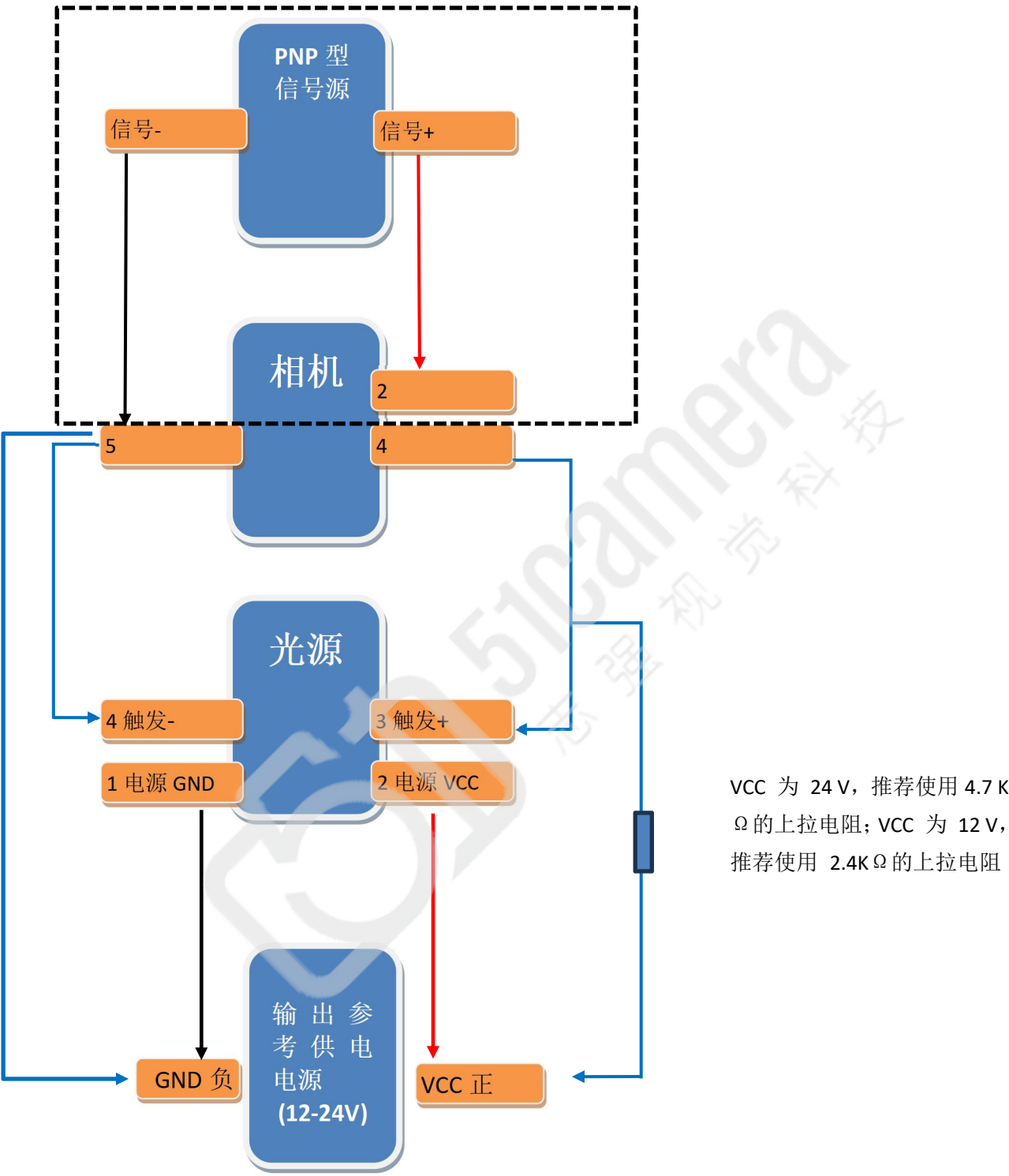
3: 触发输入 +

4: 触发输入 -

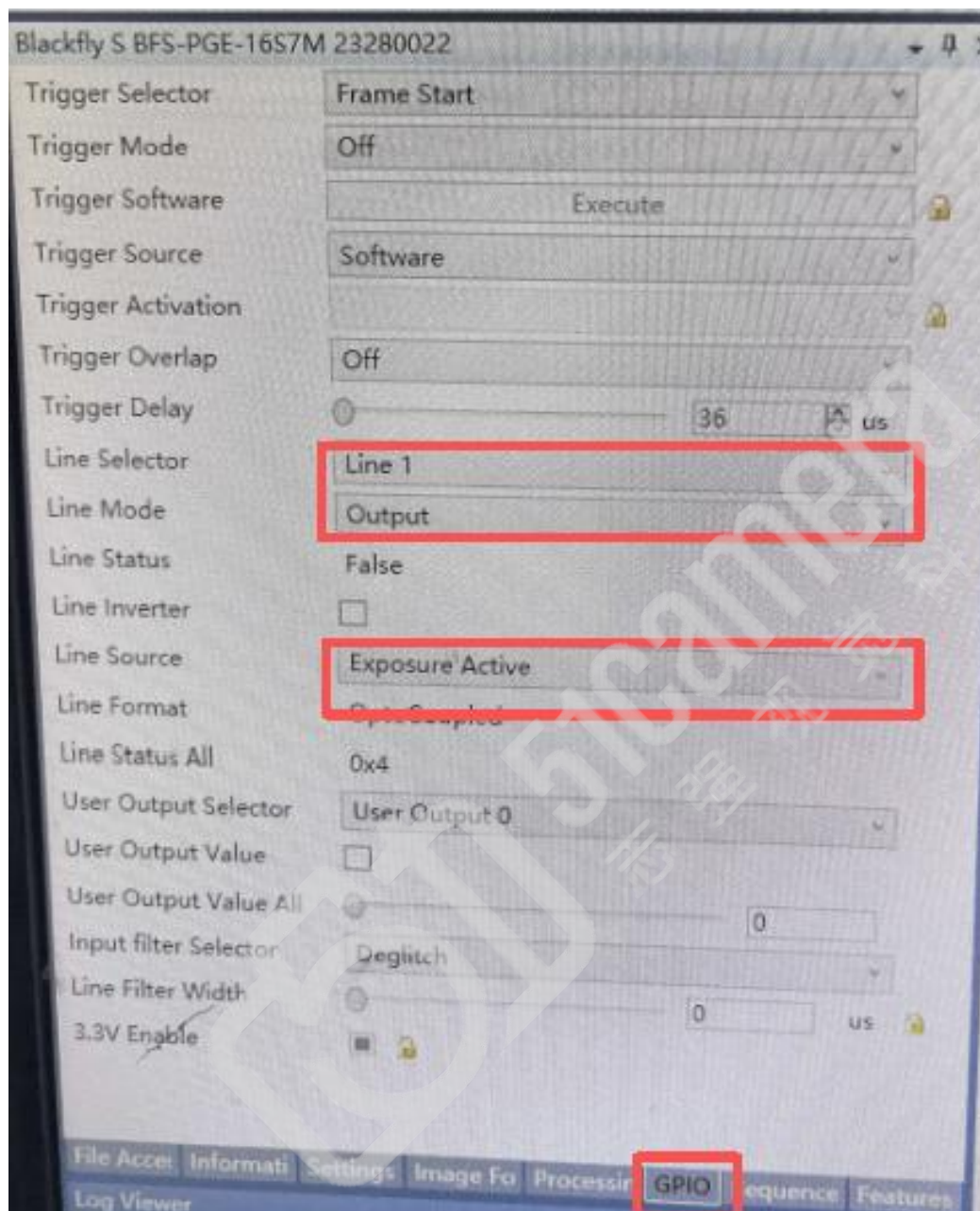
5: NC

6: NC

二、IO 接线示意图



三、软件设置



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