

Flir 相机

如何使用序列(轮询)曝光?

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第一步: 启用 Sequencer 功能

1、连接摄像头后,在 SpinView 应用程序中,打开 Sequencer (功能) 窗格。

2、单击 Sequencer Feature Enable。

acquericer mode	Off	~	8
Sequencer Configuration Mode	Off	~	
Sequencer Feature Selector	Exposure Time		1
Sequencer Feature Enable			
Sequencer Set Start	00		8
Sequencer Set Selector	00		
Sequencer Path Selector	0		
Sequencer Trigger Source	Start of Frame	Ų	6
Sequencer Trigger Activation	Rising Edge	¥	8
Sequencer Set Next	-0		
Sequencer Set Valid	Yes		
Sequencer Configuration Valid	Yes		
Sequencer Set Load	Execute		
Sequencer Set Save	Execute		

第二步: 配置 Sequencer

- 1、确保 Sequencer Mode 为 Off。
- 2、将 Sequencer Configuration Mode 设置为 On。
- 3、在 Sequencer Set Selector 中,输入集合的编号。Sequencer 集的编号为 0 到 7 (Configuration Mode(配置模式)允许你定义要用于每个 Sequencer Set 的功能,以及 它们之间的过渡。大多数摄像机最多支持 8 个 sequencer 集定义。必须至少定义 2。)
- 4、从 Sequencer Feature Selector 中,选择曝光(exposure time),在 sttings 的窗口下

设置当前序列的曝光

Exposure Auto = Exposure Auto Off

Exposure Mode = Exposure Mode Timed

Exposure Time = 1000(根据需要设置不同序列的曝光值)

- 5、Sequencer Trigger Source 选择 start of frame
- 6、Sequencer Trigger 选择 rising edge

7、Sequencer Set Next 设置为输入当前序列之后的序列器集,例如我们当前的序列为0, Sequencer Set Next 就设置为1,以此类推

- 8、在所有参数设置完成之后,执行 Sequencer Set Save 以保存您的定义
- 9、设置下一个序列重复上述所有步骤

Blackfly S BFS-U3-122S6C 2324400	07	- 4 ×
Sequencer Mode	Off	100
Sequencer Configuration Mode	On	•
Sequencer Feature Selector	Exposure Time	~
Sequencer Feature Enable		
Sequencer Set Start	0 0	
Sequencer Set Selector	0 0]
Sequencer Path Selector	0]
Sequencer Trigger Source	Start of Frame	*
Sequencer Trigger Activation	Rising Edge	*
Sequencer Set Next	0 1	
Sequencer Set Valid	Yes	
Sequencer Configuration Valid	Yes	
Sequencer Set Load	Execute	6
Sequencer Set Save	Execute	

Acquisition Mode	Continuous		v	
Acquisition Frame Rate Enable				
Acquisition Frame Rate		-0 23.4	Hz	A
xposure Mode	Timed		*	Ē
xposure Auto	Off		ų	
xposure Time	-0	999	🗘 us	
xposure Time Lower Limit	100	1500	00 us	-
Gain Auto	Off		v	
Sain	-0	17.9	dB	
Samma Enable	~			
Samma	-0	0	.8	l.
Black Level Selector	All		*	
Black Level	-0		96	3
Balance Ratio Selector	Red		¥	
Jalance Ratio		1	.79	6
Balance White Auto	Off		× - *	
Device Link Throughput Limit		0-13	pocoouos	
Device Link Current Throughput	287537872			
Device Link Current Throughput	287537872		-16-2	T

第三步: 执行 Sequencer

- 1、 Sequencer Configuration Mode (Sequencer 配置模式) 设置为 Off
- 2、分别切换到每个序列执行 Sequencer Set lode

3、验证 Sequencer Configuration Valid 字段是否为 Yes。如果为 No,请再次进入配置模式以调整您的设置。

4、Sequencer Mode 设置为 On,开始您的采集

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Sequencer Mode	Off		~ 6
Sequencer Configuration Mode	On	v	
Sequencer Feature Selector	Exposure Time		~
Sequencer Feature Enable	🗹 🔒		
Sequencer Set Start	0	0	
Sequencer Set Se <mark>lec</mark> tor	0	0	
Sequencer Path Selector		0	
Sequencer Trigger Source	Start of Frame		*
Sequencer Trigger Activation	Rising Edge		*
Sequencer Set Next	-0	- 1	
Sequencer Set Valid	Yes		
Sequencer Configuration Valid	Yes		
Sequencer Set Load	Execu	ite	Xd
Sequencer Set Save	Execu	ite	

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