



DALSA Z-Trak2 3D 相机

使用说明

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第一步：接线

1、相机供电

如果电脑网口支持 POE 功能，可直接使用 POE 给相机供电，如不支持 POE 功能，使用外部供电 7+6-（24V）

注：POE 与外部供电不可同时使用

I/O connector: M12 17-pin male connector

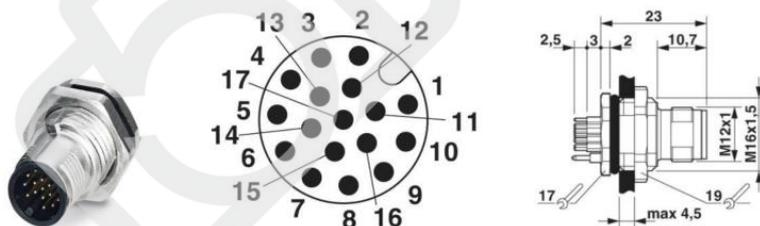


Figure 38. Details of the M12 17-pin connector.

Pin	Signal	Direction	Description
1	SHAFT ENCODER B-	IN	RS-422 Shaft encoder input B-
2	E-STOP GND	GND	Emergency stop ground
3	GPI 2+	IN	General Purpose Input 2+
4	GPO 2+	OUT	General Purpose Output 2+
5	GPO 2-	OUT	General Purpose Output 2-
6	AUX GND	GND	Auxiliary power ground
7	AUX PWR	PWR IN	Auxiliary power input
8	GPO 1+	OUT	General Purpose Output 1+
9	GPO 1-	OUT	General Purpose Output 1-
10	SHAFT ENCODER A-	IN	RS-422 Shaft encoder input A-
11	SHAFT ENCODER B+	IN	RS-422 Shaft encoder input B+
12	E-STOP PWR	IN	Emergency stop power input
13	GPI 2-	IN	General Purpose Input 2-
14	GPI 1-	IN	General Purpose Input 1-
15	GPI 1+	IN	General Purpose Input 1+
16	SHAFT ENCODER A+	IN	RS-422 Shaft encoder input A+
17	ISO GND	GND	Isolated ground

2、激光接线

Pin12 接 24V+, Pin2 接 24V-

Emergency safety switch (E-STOP)

The laser will not operate unless the +24 V DC emergency stop power and ground signals are connected as shown below. Laser is ON if power is applied to pin 12, OFF if power is not applied.

An external **emergency safety switch (E-STOP)**, which is normally closed, should be included in the image system.

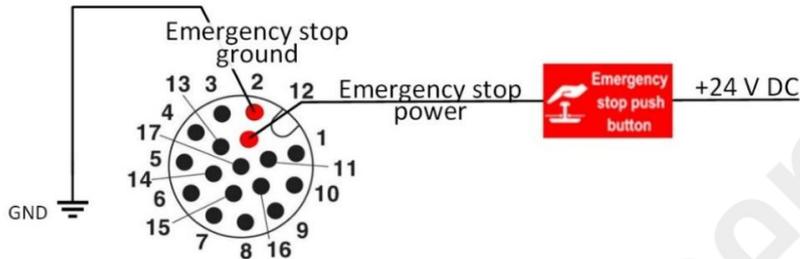


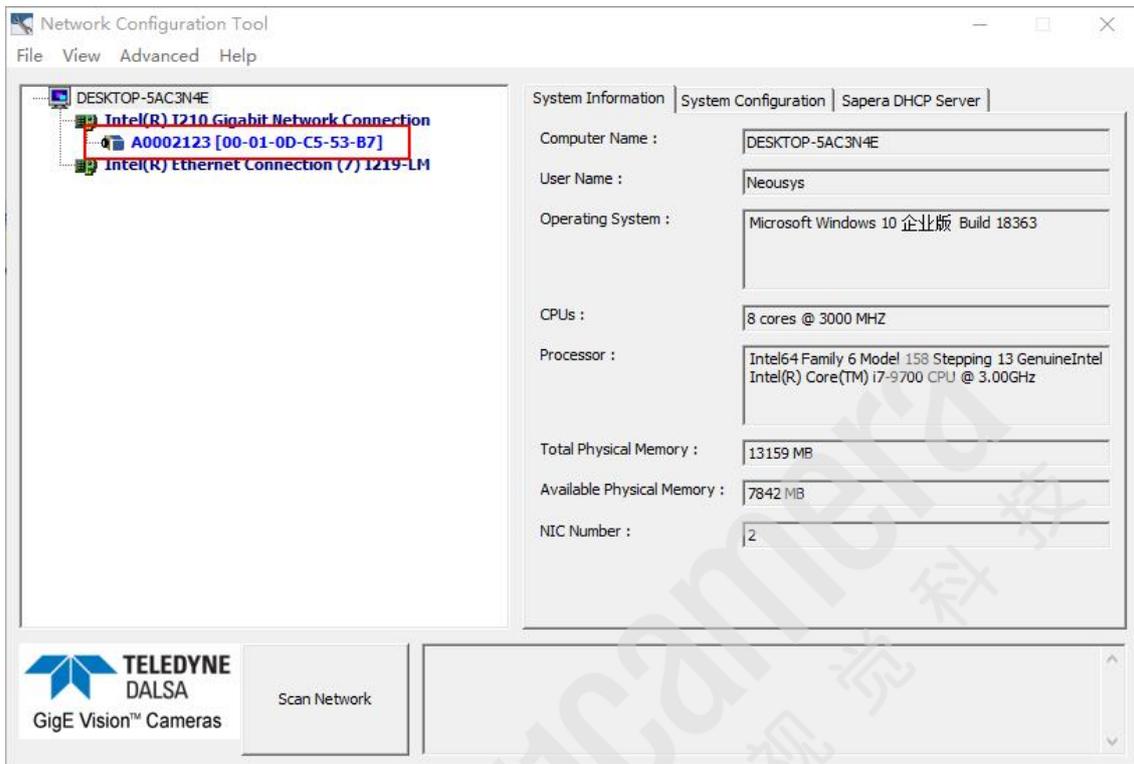
Figure 39. Pinout details for the emergency safety switch.

第二步：软件设置

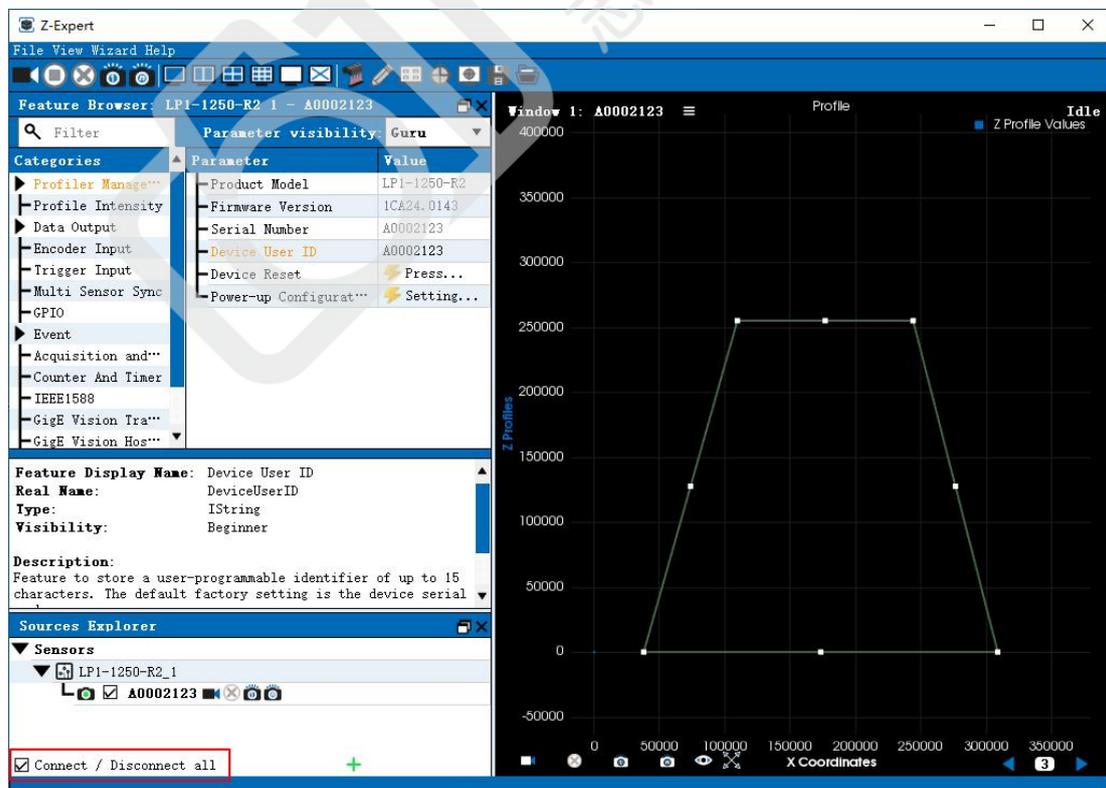
1、安装 samera LT8.60 以后版本，使用 Samera Z-Expert (Z-Trak Profile Sensors)采集。



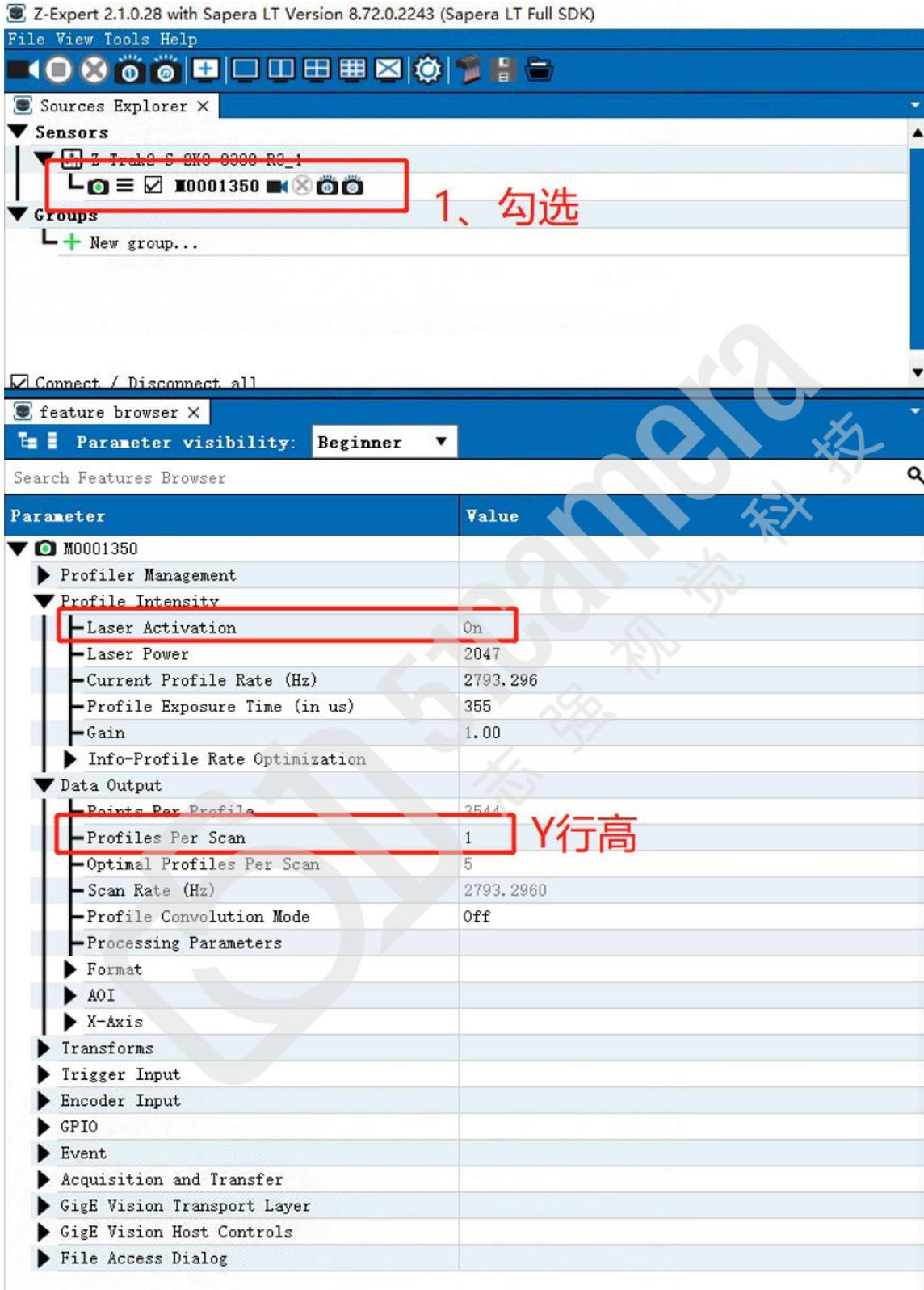
- 2、使用 network configuration tool 连接好相机（连接方法详见《DALSA Genie Nano GigE-如何设置 IP》）



- 3、在 Sapera Z-Expert 上连接相机，点击 Connect 连接相机，显示相机参数，调出操作页面。



4、参数设置



点击采集按钮



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