



Goldeye Pro

Goldeye Pro G5-320 VSWIR TEC1

Goldeye Pro G5-320 VSWIR TEC1 5GBASE-T camera with global shutter Sony IMX993 SenSWIR InGaAs sensor enables short wave infrared (SWIR) imaging with industrial performance for various machine vision applications.

常规

型号:	Goldeye Pro G5-320 VSWIR TEC1
产品系列:	Goldeye Pro
状态:	Available

传感器

传感器类型:	Area scan
色度:	Mono
光谱:	SWIR, Visible SWIR
光谱范围:	400 nm to 1700 nm
分辨率:	2,080 × 1,544 (3.20 MP)
传感器型号:	Sony IMX993 InGaAs
传感器架构 (材料) :	InGaAs
快门类型:	Global Shutter
传感器尺寸:	9.00 mm \varnothing (Type 1/1.8)
像素尺寸:	3.45 μm × 3.45 μm

像素格式

传感器位深度:	10-bit; 12-bit
单色像素格式:	Mono8, Mono10, Mono10p, Mono10Packed, Mono12 (default), Mono12p, Mono12Packed, Mono14, Mono16

时序与增益

最大帧率:	159
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I/O与电源

非电气隔离IO:	4 bidirectional I/O lines
光电隔离线路:	1 input, 3 outputs
电源供应:	12 VDC to 24 VDC ($\pm 10\%$) or via PoE
功耗:	Max: 11 W (12 to 24 VDC); 12.9 W (PoE)

工作条件

工作温度 (外壳):	55 °C (max) (housing)
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机械特性

机身尺寸 (L x W x H mm) :	78 × 55 × 55
重量:	350 g

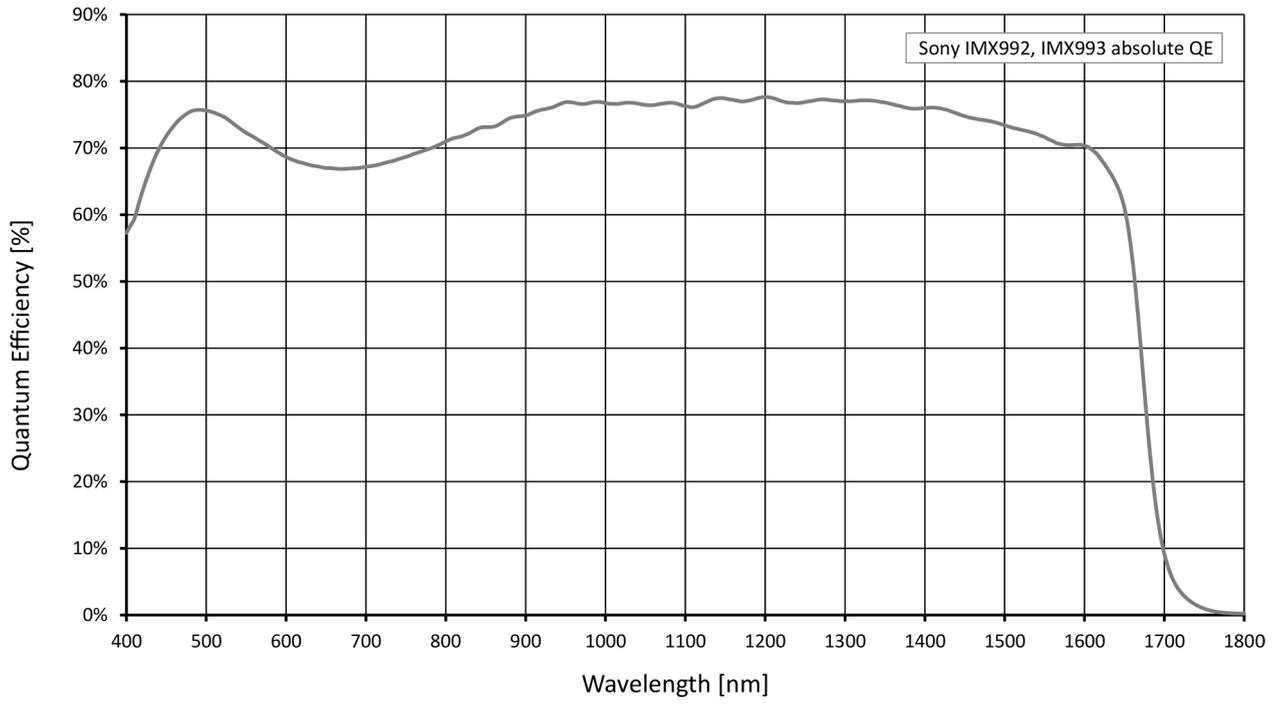
板载内存与FPGA

图像缓存 (RAM) :	256 MByte
非易失性存储器 (闪存) :	4 KByte

接口

数字接口:	IEEE 802.3: 5GBASE-T or 2.5GBASE-T (NBASE-T) and 1000BASE-T, IEEE 802.3af Power Class 0 PoE
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Quantum Efficiency



Technical Drawing

