

Mako G-223 is a 2.2 megapixel GigE machine vision camera that incorporates the high quality Type 2/3 (12.7 mm diagonal) CMOSIS/ams CMV2000 CMOS sensor. At full resolution, this camera runs 49.5 frames per second. With a smaller region of interest, higher frame rates are possible.

### 常规

型号:	Mako G-223
产品系列:	Mako
状态:	Available

### 传感器

传感器类型:	Area scan
色度:	Mono or Color
光谱:	Visible
分辨率:	2,048 × 1,088 (2.20 MP)
传感器型号:	CMOSIS/ams CMV2000
传感器架构 (材料) :	CMOS
快门类型:	Global Shutter
传感器尺寸:	12.75 mm $\varnothing$ (Type 2/3)
像素尺寸:	5.50 $\mu\text{m}$ × 5.50 $\mu\text{m}$

### 像素格式

传感器位深度:	8-bit or 12-bit
单色像素格式:	Mono8, Mono12, Mono12Packed
YUV像素格式:	YUV411Packed, YUV422Packed, YUV444Packed
RGB像素格式:	RGB8Packed, BGR8Packed
拜耳像素格式:	BayerGB8, BayerGB12, BayerGB12Packed

### 成像性能

量子效率 @ 529 nm:	77 %
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## 时序与增益

最大帧率: 49

## I/O与电源

光电隔离线路: 1 input, 3 outputs

电源供应: 10.8 to 26.4 VDC AUX or 802.3at Type 1 PoE

功耗: 2.4 W at 12 VDC; 2.8 W PoE

## 工作条件

工作温度 (外壳): 5 °C to 45 °C housing temperature

## 机械特性

机身尺寸 (L x W x H mm) : 61 × 29 × 29

重量: 80 g

## 板载内存与FPGA

图像缓存 (RAM) : 64 MByte

非易失性存储器 (闪存) : 1024 KByte

## 接口

数字接口: IEEE 802.3 1000BASE-T, IEEE 802.3af (PoE)

# Quantum Efficiency



