# FXO SWIR

## fxo992MXGE

| 반 | |
|---|---|
| 모델 | fxo992MXGE |
| 제품 코드 | F002342 |
| 제품 시리즈 | FXO SWIR |
| 상태 | Available |

| 센서 | |
|---|---|
| 센서 유형 | Area scan |
| 크로마 | Mono |
| 스펙트럼 | SWIR, Visible SWIR |
| 스펙트럼 범위 | 400 nm to 1700 nm |
| 해상도 | 2,560 × 2,048 (5.20 MP) |
| 센서 모델 | Sony IMX992 \| InGaAs |
| 센서 아키텍처 (소재) | cmos |
| 셔터 유형 | Global shutter (GS) |
| 센서 크기 | 8.83 × 7.07 mm (11.31 mm, Type 1/1.4) |
| 픽셀 크기 | 3.45 µm × 3.45 µm |

| 픽셀 형식 | |
|---|---|
| 센서 비트 심도 | 10-bit, 12-bit, 8-bit |
| 모노크롬 픽셀 형식 | mono10, mono12, mono8 |

| 타이밍 및 게인 | |
|---|---|
| 최대 프레임 속도 | 132.6 fps |
| 게인 | 0.0 dB to 42.0 dB |

| I/O 및 전원 | |
|---|---|
| 비절연 라인 | 0 x LVDS input, 0 x LVDS output, 0 x TTL input, 0 x TTL output, 2 x 24V input, 4 x Open drain output, |
| 특정 비절연 라인 | 1 x RS232 input, 1 x RS232 output, 0 x RS422 input, 0 x RS422 output, |
| 광절연 라인 | 1 x Optical isolated input, 0 x Optical isolated input, |

Allied Vision

## I/O □ □□

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|---|---|
| I/O □□□ | 12-pin Hirose HR10A-10P-12S |
| □□ □□ □□ | 10 to 25VDC |
| □□ □□ | External: 10 W (typical) |

## □□ □□

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| □□ □□ | -10 °C to 60 °C (□□□) |
| Humidity | 10 % to 90 % (non-condensing) |

## □□□ □□

| | |
|---|---|
| □□ □□ (L x W x H mm) | 76 × 50 × 50 |
| IP □□ | IP30 |
| □□ □□□ | C-Mount |
| □□ | 240 g |

## □□□ □□□ □ FPGA

| | |
|---|---|
| □□□ □□ (RAM) | 896 MByte |
| □□□□ □□□ (□□□) | 32000 MByte |

## □□□□□

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| □□□ □□□□□ | 10gige |
| □□□□□ □□□ | (RJ-45) |
| □□ □□ | GigE Vision 2.0 |

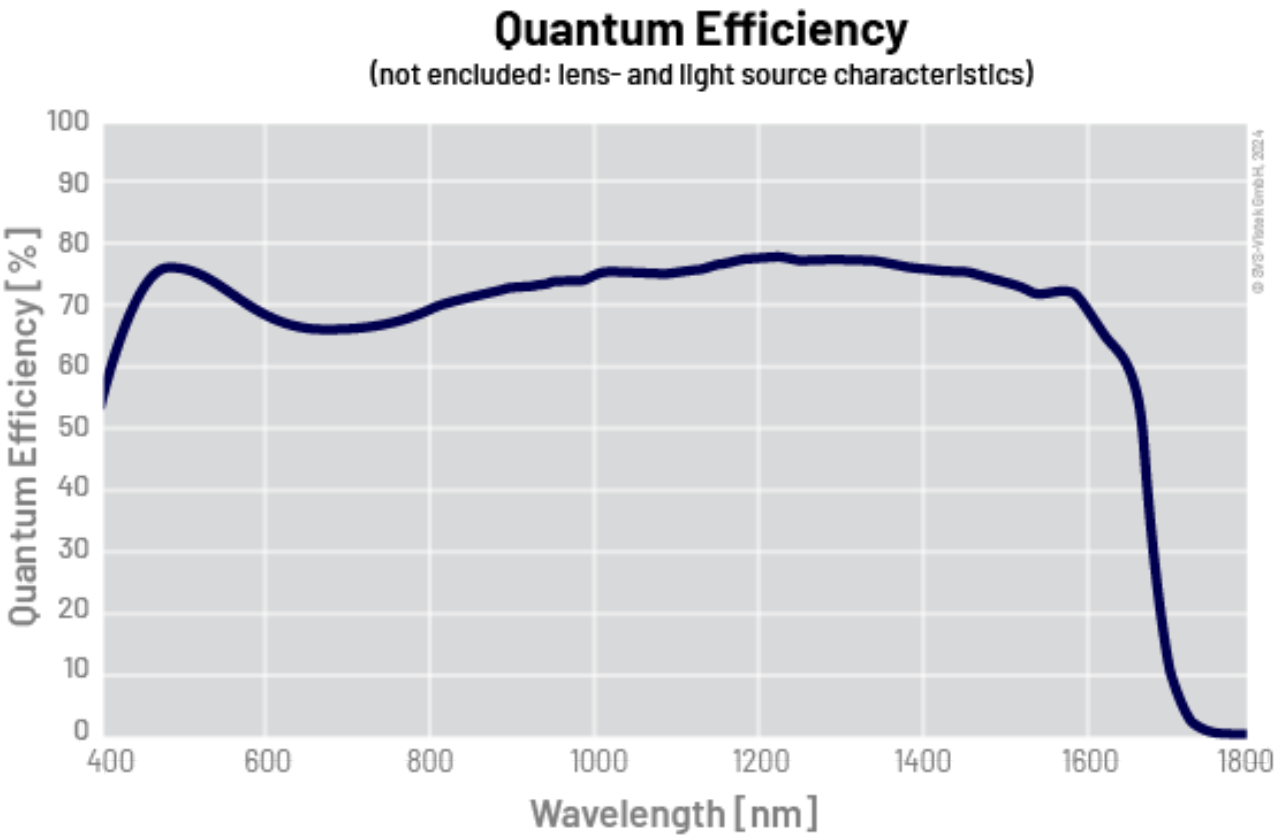
## FW □□ - □□□ □□

| | |
|---|---|
| □□ □□ | auto, manual |
| □□ □□ | auto, manual |
| □□□ □□ □□ | dopo, dpc, ffc, lut, mirror-image, nuc, roi |

## FW □□ - □□□ □□

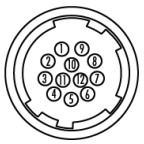
| | |
|---|---|
| □□□ □□/□□□ | external, internal, software |

## Quantum Efficiency




## I/O pin assignment

Hirose 12 Pin



| | | | | | |
|---|---|---|---|---|---|
| 1 | VIN – | (GND) | 7 | OUT 1 | (open drain) |
| 2 | VIN + | (10 V to 25 V DC) | 8 | OUT 2 | (open drain) |
| 3 | IN 4 | (RXD RS232) | 9 | IN 3 + | (opto In + ) |
| 4 | OUT 4 | (TXD RS232) | 10 | IN 3 – | (opto In –) |
| 5 | IN 1 | (0 - 24V) | 11 | OUT 3 | (open drain) |
| 6 | IN 2 | (0 - 24V) | 12 | OUT 0 | (open drain) |