# FXO SWIR

fxo993MXGE-T

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|---|---|
| □□ | fxo993MXGE-T |
| □□□□ | F002319 |
| □□□□ | FXO SWIR |
| □□ | Available |

## □□□

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|---|---|
| □□□□□ | Area scan |
| □□ | Mono |
| □□ | SWIR, Visible SWIR |
| □□□□ | 400 nm to 1700 nm |
| □□□ | 2,048 × 1,536 (3.10 MP) |
| □□□□□ | Sony IMX993 \| InGaAs \| TEC |
| □□□□□ (□□) | cmos |
| □□□□ | Global shutter (GS) |
| □□□□□ | 7.07 × 5.3 mm (8.83 mm, Type 1/1.8) |
| □□□□ | 3.45 µm × 3.45 µm |

## □□□□

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| □□□□□ | 8-bit, 12-bit |
| □□□□□□ | mono8, mono12 |

## □□□□□

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|---|---|
| □□□□□ | 173.4 fps |
| □□ | 0.0 dB to 42.0 dB |

## I/O □□□

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|---|---|
| □□□□ | 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, |
| □□□□□□ | 1 x RS232 input, 1 x RS232 output, 0 x RS422 input, 0 x RS422 output, |
| □□□□ | 1 x Optical isolated input, 0 x Optical isolated input, |

## I/O □□□

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

## □□□□

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| □□□□ (□□) | -10 °C to 60 °C |

## □□□□

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| □□□□ (□ x □ x □ mm) | 82 × 50 × 50 |
| □□□□ | IP30 |
| □□□□ | C-Mount |
| □□ | 240 g |

## □□□□□□ FPGA

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

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

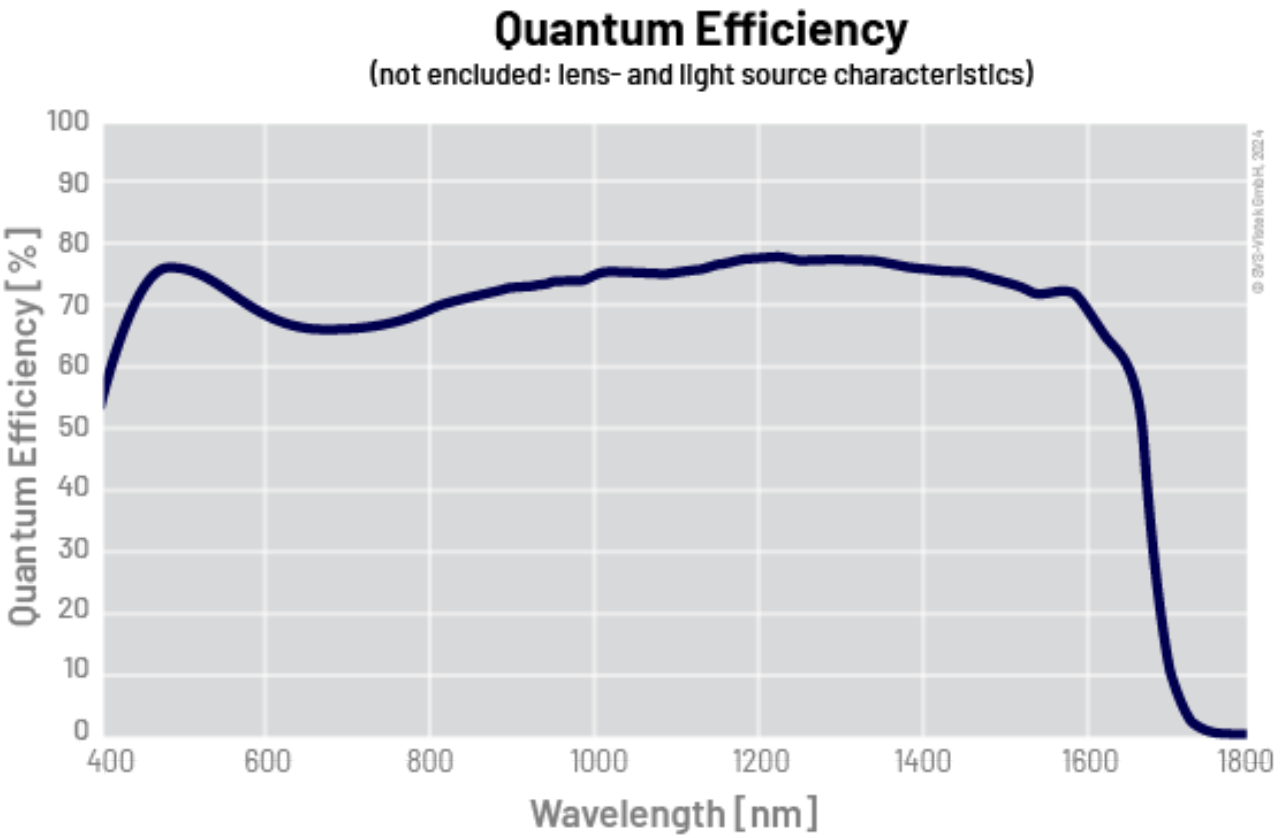
## FW □□ – □□□□

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

## FW □□ – □□□□

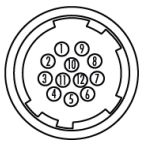
| | |
|---|---|
| □□□□/□□ | internal, software, external |
| □□□□□□ | User Sets, PWM(4), Sequencer, |

## □□□□




## I/O □□□□

Hirose 12 Pin



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|---|---|---|---|---|---|
| 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) |