# FXO 25GigE

fxo531M25GE



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| | |
|---|---|
| □□□ | fxo531M25GE |
| □□□□□ | F002306 |
| □□□□□□ | FXO 25GigE |
| □□□□□ | Available |

## □□□□

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|---|---|
| □□□□□□□ | Area scan |
| □□□ | Mono |
| □□□□□ | Visible |
| □□□□□□□ | 400 nm to 1000 nm |
| □□□ | 4,512 × 4,512 (20.40 MP) |
| □□□□□□□ | Sony IMX531 |
| □□□□□□□□□□ | cmos |
| □□□□□□□□ | Global shutter (GS) |
| □□□□□□□ | 12.36 × 12.36 mm (17.48 mm, Type 1.1) |
| □□□□□□□ | 2.74 µm × 2.74 µm |

## □□□□□□□□□□

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

## □□□□□□□□

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| □□□□□□□□□ | 72 dB |
| SNR | 39 dB |

## □□□□□□□□□□

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| □□□□□□□□□□ | 109.5 fps |
| □□□□ | 4 µs to 60 s |
| □□□ | 0.0 dB to 48.0 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□□□□ | 12-pin Hirose HR10A-10P-12S |
| □□ | 10 to 25VDC |
| □□□□ | External: 19 W (typical) |

## □□□□

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

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| □□□□□L x W x H mm□ | 100 × 50 × 50 |
| □□□□□/□□□□□ | K9 - AR coating - 400-850nm |
| IP□□ | IP30 |
| □□□□□□□□ | C-Mount |
| □□ | 320 g |

## □□□□□□□□□FPGA

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| □□□□□□□RAM□ | 4032 MByte |
| □□□□□□□□□□□□□□□□ | 128 MByte |

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| □□□□□□□□□□□□□ | 25gige |
| □□□□□□□□□□□□□ | (SFP28) |
| □□□□□□□ | GigE Vision 2.0, 3.0 |

## FW□□ - □□□□

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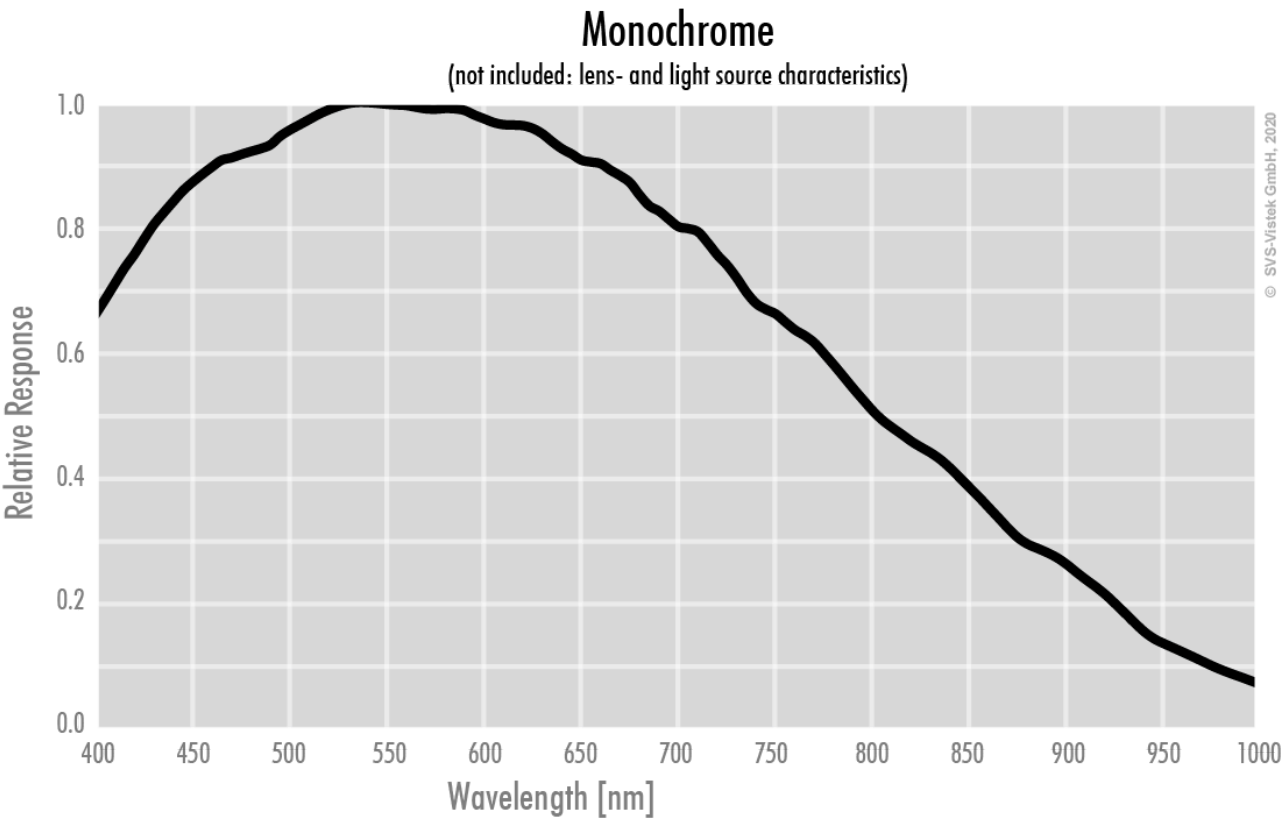
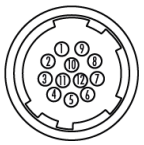
|---|---|
| □□□□□ | auto, external, manual |
| □□□□□□ | auto, manual |
| □□□□□□ | dpc, ffc, lut, mirror-image, roi, shading-correction |

## Quantum Efficiency




## I/O pin assignment

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) |