# FXO CoaXPress

## fxo537MCX12-2C



| □□ | |
|---|---|
| □□ | fxo537MCX12-2C |
| □□□□ | F002252 |
| □□□□ | FXO CoaXPress |
| □□ | Available |

| □□□ | |
|---|---|
| □□□□□ | Area scan |
| □□ | Mono |
| □□ | Visible |
| □□□□ | 400 nm to 1000 nm |
| □□□ | 2,448 × 2,048 (5.00 MP) |
| □□□□□ | Sony IMX537 |
| □□□□□ (□□) | cmos |
| □□□□ | Global shutter (GS) |
| □□□□□ | 6.71 × 5.61 mm (8.75 mm, Type 1/1.8) |
| □□□□ | 2.74 µm × 2.74 µm |

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

| □□□□ | |
|---|---|
| □□□□ | 72 dB |
| □□□ | 39 dB |

## □□□□□

| | |
|---|---|
| □□□□□ | 262 fps |
| □□□□ | 5 µs to 60 s |
| □□ | 0.0 dB to 48.0 dB |

## I/O □□□

| | |
|---|---|
| □□□□ | 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, Power over CoaXPress |
| □□ | External: 13 W (typical) |

## □□□□

| | |
|---|---|
| □□□□ (□□) | -10 °C to 60 °C |

## □□□□

| | |
|---|---|
| □□□□ (□ x □ x □ mm) | 73 × 50 × 50 |
| □□□/□□□□ | K9 - AR coating - 400-850nm |
| □□□□ | IP30 |
| □□□□ | C-Mount |
| □□ | 240 g |

## □□□□□□ FPGA

| | |
|---|---|
| □□□□□□□ (Flash) | 32 MByte |

## □□

| | |
|---|---|
| □□□□ | cxp-12 with 2 connections |
| □□□□□ | (micro-BNC) |
| □□□□ | CoaXPress 2.0 |

## FW □□ – □□□□

| | |
|---|---|
| □□□□ | manual, auto, external |
| □□□□ | auto, manual |

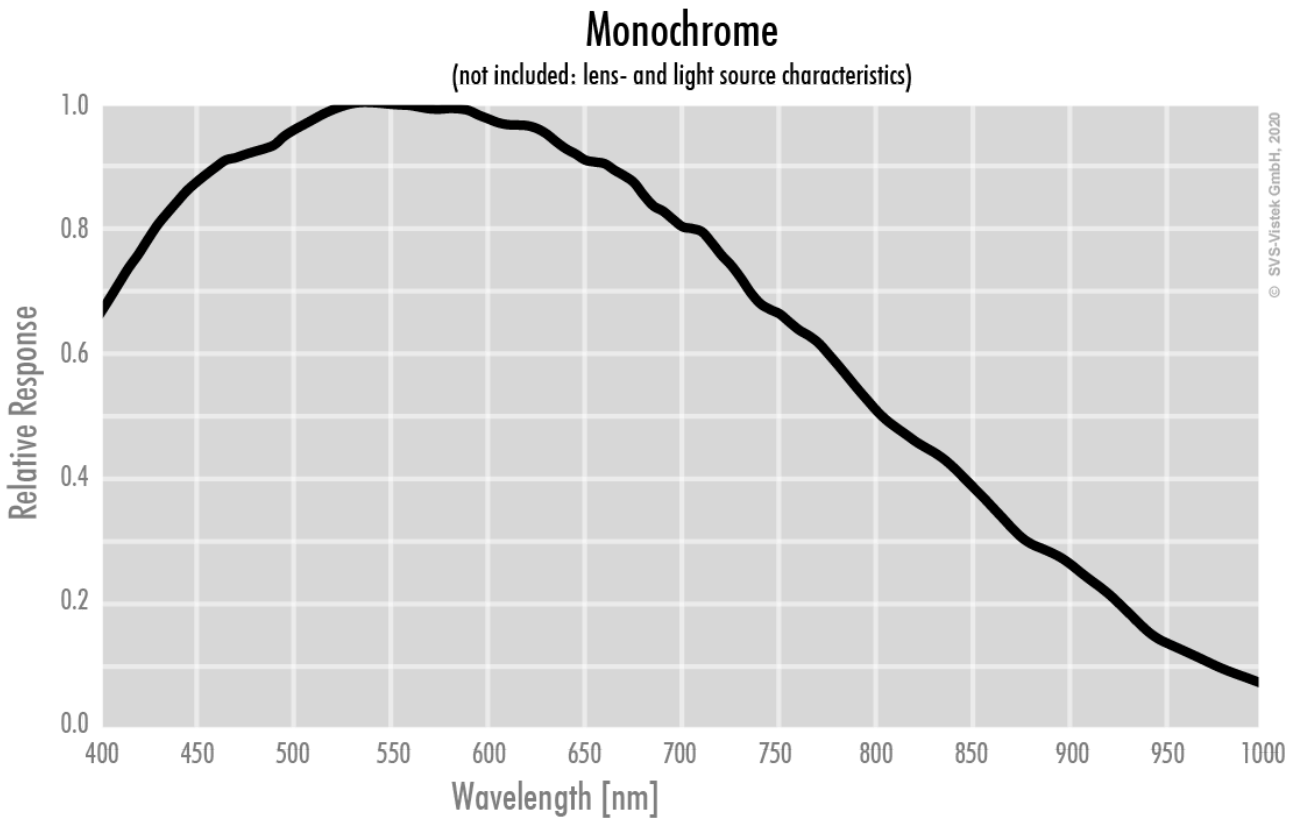
## FW □□ – □□□□

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

## FW □□ – □□□□

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

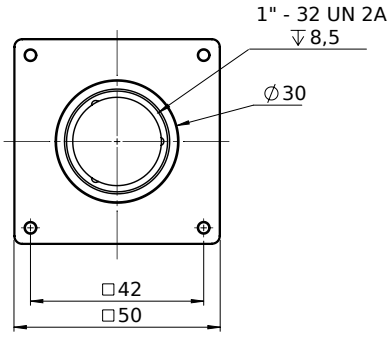
## □□□□

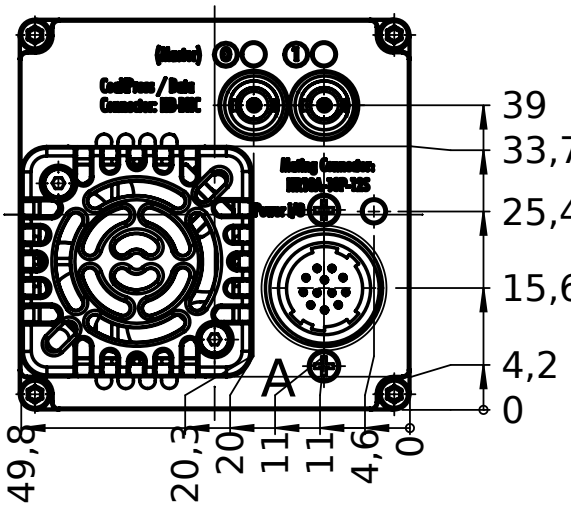

Monochrome
(not included: lens- and light source characteristics)
Relative Response
1.0
0.8
0.6
0.4
0.2
0.0
400
450
500
550
600
650
700
750
800
850
900
950
1000
Wavelength [nm]
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## □□□□

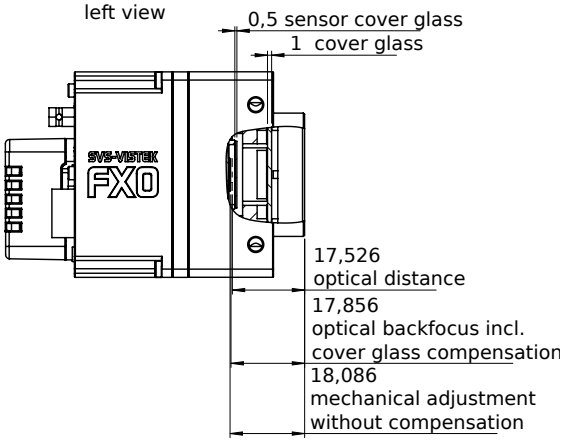
### back view

front view

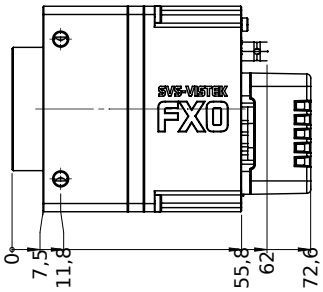


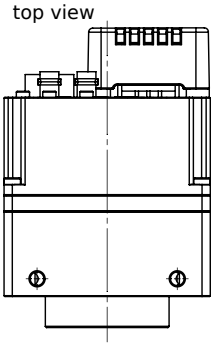

left view



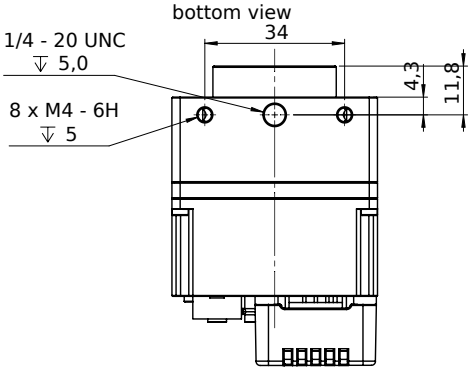

right view

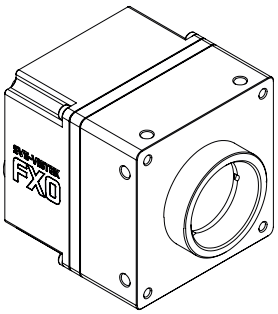


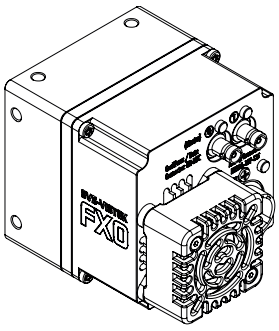

top view



bottom view

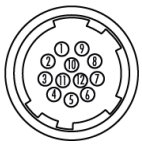






## I/O □□□□

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) |