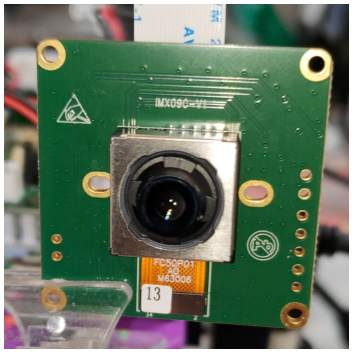
NEW PRODUCT / 新製品

# SE-09C-AF

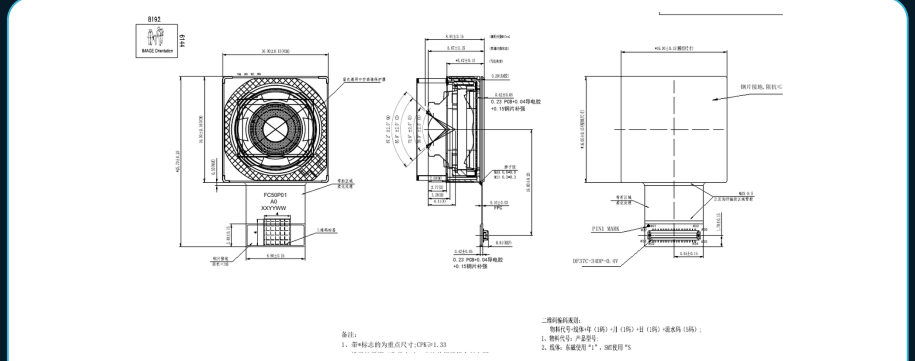
## 50MP Lens Module w/ Focus Driver for Raspberry Pi

## モジュール構成・仕様

Module design and specification



Lens module w/ focus driver / フォーカスドライバー搭載

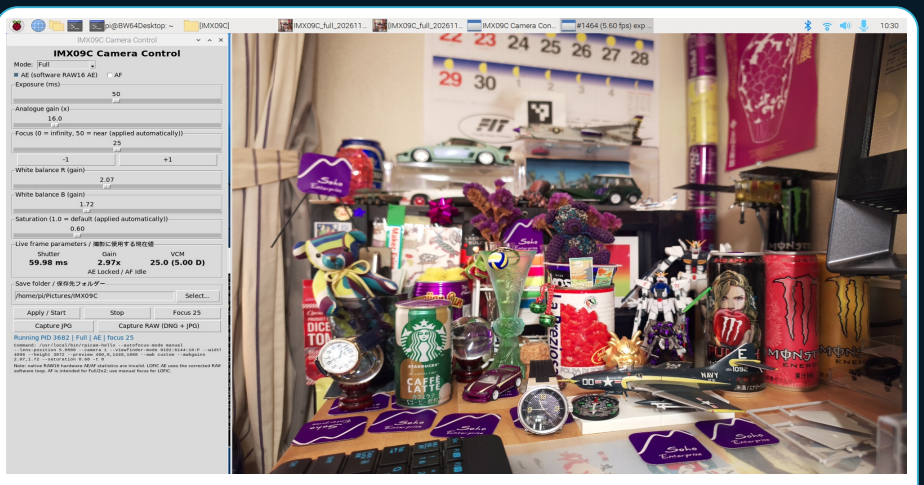


SE-09A-AF mechanical reference / 機構参考図

| | |
|---|---|
| Sensor / センサー | Sony IMX09C-AJH5-C |
| Optical format | 1/1.28-inch, diagonal 12.493 mm |
| Effective pixels | 8192 x 6144, approximately 50 MP |
| Architecture | BSI stacked CMOS, QBC with RMSC |
| Lens | 7P, EFL 6.45 mm, F1.68, FoV (D) 85 deg |
| Lens / focus | Lens module w/ focus driver, 10 cm to infinity |
| AF electrical | 3.3 V, maximum 120 mA, 550 um stroke |
| Interface | MIPI CSI-2 D-PHY 2/4 lanes; C-PHY supported (driver TBD) |
| Sensor functions | PDAF, LOFIC, RAW10/12/14/16 |
| Module outline | 16 x 32 mm class, 8.91 mm depth |

## Raspberry Pi 評価ソフトウェア

Driver, custom libcamera and capture GUI




Live control and capture GUI / ライブ制御・撮影GUI

**V1.3.0**

**Full: 8192 x 6144**
**2x2: 4096 x 3072**
**LOFIC: 4096 x 3072 RAW16**
**AE / AF / PiSP tuning**
**JPG / DNG / JSON capture**
**Shutter / gain / VCM monitor**

評価サンプル
準備中

### IMX09C Raspberry Pi Driver Package V1.3.0

Kernel driver + custom libcamera + tuning JSON + capture GUI

https://soho-enterprise.com/wp/wp-content/uploads/2026/11/IMX09C_RPi_Package_1.3.0.tgz

Sensor and module specifications are preliminary and may change without notice.