

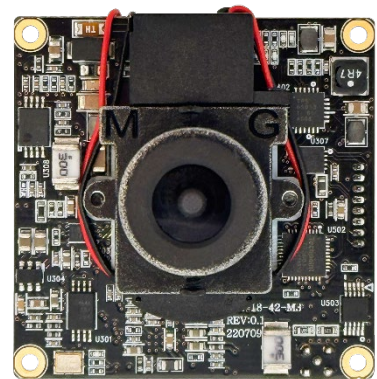
ORIOLE 3G-SDI BOARD CAMERA

HD-SDI / EX-SDI / CVBS
AS-BCAM-S42-001-A

- 1080p 60fps
- HD-SDI/EX-SDI/CVBS output
- VISCA and Pelco-P/D support
- Day & Night (ICR)

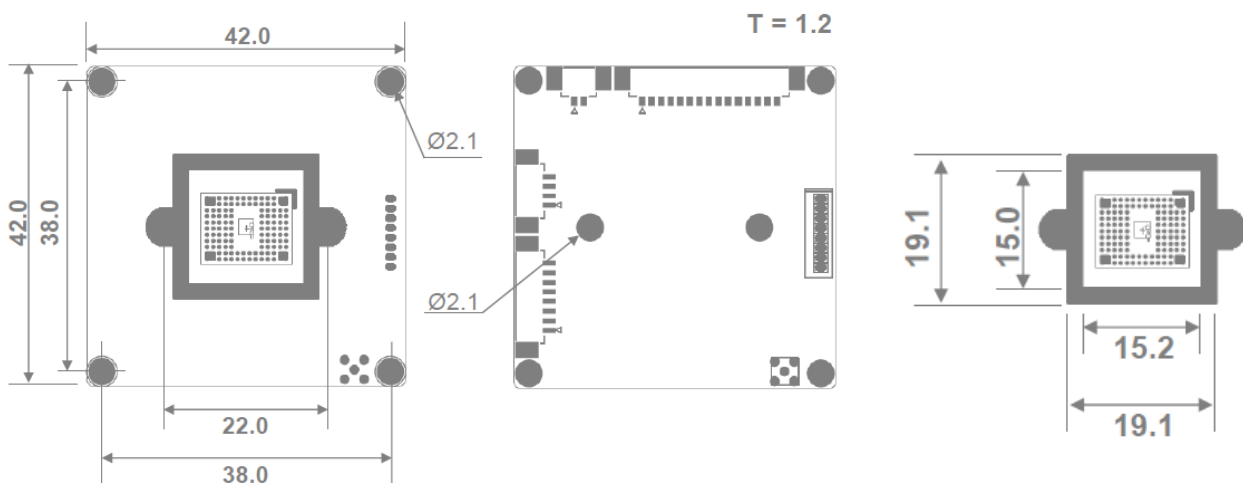
FEATURES

- 1/2.8" 2MP Sony IMX462 CMOS sensor.
- 1080p – 60/50/30/25 fps, 720p - 60/50/30/25 fps.
- Digital zoom: 2x – 32x.
- Real-time True Wide Dynamic Range (WDR).
- Digital Noise Reduction (2D+3D DNR).
- Digital Image Stabilization.
- High Light Compensation (HLC/BLC).
- VISCA, Pelco-D/P Control Protocol.
- Features ICR (switchable IR-cut filter).



Dimensions

AS-BCAM-S42-001-A



Unit = mm



| AS-BCAM-S42-001-A | | | |
|-----------------------------|---|-----------------------------------|--|
| Total Pixels | 1,945 (H) x 1,109 (V) 2.16M Pixels | Active Pixels | 1,937 (H) x 1,097 (V) 2.12M Pixels |
| Video Modes | 1080p/30(25)fps, 720p/60(50)fps, 720p/30(25)fps; Analog: 700TVL | Minimum Illumination | Color: 0.5 lux, BW: 0.1 lux, DSS - Color: 0.125 lux, BW: 0.025 lux |
| Analog SD | CVBS (without WDR) | Lens | M12 (3.6mm standard fit); |
| Day & Night | Auto / Day / Night / Ext-in (switchable IR-cut filter) | Digital Slow Shutter (DSS) | Off / x2 / x4 (/ x8: 60 or 50 fps only) |
| AGC (Gain) | ON / OFF | Shutter Speed | Auto / Manual 1/30(1/25) - 1/30,000 sec |
| WDR/BLC ¹ | OFF / WDR / BLC | Brightness | 0 - 20 steps |
| HLC ² | OFF / ON / Night only | White Balance | Auto/One Push/Manual/Indoor/Outdoor |
| Sharpness | 0 - 10 steps | DNR ³ | OFF / Low / Middle / High / Auto |
| Defog | OFF / ON (Auto/Manual) | Privacy | ON / OFF (24 masks) |
| Mirror | OFF / H / V / H&V | ACE ⁴ | OFF / Low / Middle / High |
| Freeze | OFF / ON | Digital Zoom | 2x – 32x |
| Defect Det. | OFF / ON | Motion Det. | OFF / ON (3 positions) |
| Control Protocol | Serial VISCA Pelco-D / Pelco-P | Baud Rate | 2400 / 4800 / 9600 / 19200 / 38400 / 57600 / 115200 |
| Voltage | 12V DC ±10% | Current | 250mA |
| Storage | -20°C – +60°C (Humidity: 0%RH – 90%RH) | Operation | -10°C – +50°C (Humidity: 0%RH – 80%RH) |
| Dimensions | 42(L) x 42(W) x 1.2(H) ⁵ (mm) | Video Output | MMCX connector |

1: Wide Dynamic Range/Back Light Compensation 2: High Light Compensation 3: Digital Noise Reduction 4: Adaptive Contrast Enhancement 5: Not including lens & mount

ORDERING INFORMATION

| PART NUMBER | DESCRIPTION |
|---------------------------|--|
| AS-BCAM-S42-001-A | Oriole 3G-SDI Board Camera Switchable IR-cut filter and lens fitted; other lenses on request. |
| AS-BCAM-S42-EVAL-A | Evaluation kit for the Oriole 3G-SDI Board Camera. |



CONTACT DETAILS

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08-Feb-2025 BCAM-S42-(w Nov22 v0.10)