

World **Smallest** 1080p **60fps** HD-SDI

Available in Board type
for OEM orders

29x29x29mm!
2MP 60fps!



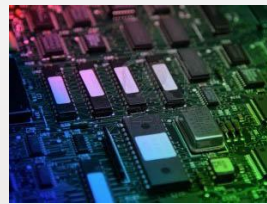
IMC-922

Key Features

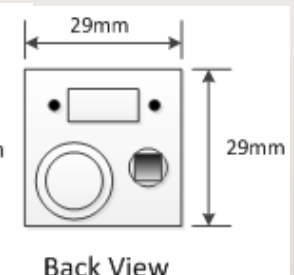
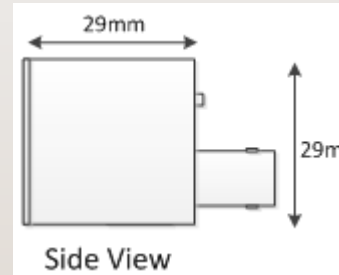
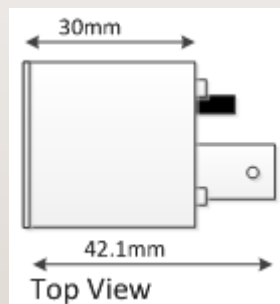
- 1/3" Sony CMOS Sensor
- Full HD Resolution
- 1080/720@30p/60p/60i selectable
- WDR / DNR / AGC / Sens-Up
- Dynamic Motion Detection(8 zones, up to 1980 blocks)
- Privacy Zone Masking (8 zones)
- HD-SDI / 3G-SDI Output (NTSC / PAL)
- OSD Joystic built-in
- 29(W)x29(H)x29(D) mm
- DC12V ~ 24V

Applications

- Machine Vision (Semiconductor, Automotive)
- Medical (Microscopy, Dental Medicine)
- Sport Science (Motion Analysis, Physical)



Dimension



Specifications

Image Sensor	1/3" SONY CMOS Sensor
Scanning System	Progressive, Interlace
Effective Pixels Number	1,920(H) x 1,080(V), 2.07M Pixels (Full-HD)
Total number of pixels	1,952(H) x 1,116(V), 2.18M Pixels (Full-HD)
Lens Mount	C/CS Mount
S/N Ratio	More than 50dB (AGC Off)
Video Output Mode	HD-SDI : 1920x1080p(30fps), 1920x1080i(60fps), 1280x720p(60fps) 3G-SDI : 1920x1080p(60fps)
Video Output Level	HD-SDI, 3G-HDI / 1.0 Vp-p (75Ω, Composite) NTSC/PAL(Selectable)
Min. Illumination	Color : 0.2Lux @ F1.2 / B/W : 0.01@F1.2
OSD	Built-in
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/50,000)
White Balance	ATW / AWC / Indoor / Outdoor / Manual
Back Light Compensation	Off / WDR / BLC / HSBLIC
D-WDR/ACCE	Low / Middle / High / Off, 0~15 steps
AGC	0~15 steps
Adjust	SHARPNESS / MONITOR / OSD / LSC / VIDEO OUT(NTSC/PAL)
Language	ENG, JPN, CHN, KOR, GER, FRA, ITA, SPA, POL, RUS, POR, NED, TUB, HER, ARB(Directional Switches)
Day & Night	Auto / B.W / Color / EXT (Selectable)
2D/3D-NR	2DNR / 3DNR / SMART NR
Digital Zoom / PIP	On / Off(x2 ~ x64)
Privacy Masking	On / Off (8 Zone Selectable)
Motion Detection	On / Off (4 Zone Selectable)
Defect	LIVE DPC / STATIC DPC / BLACK DPC
Defog	Low / Middle / High / Off(Position/Size- User Setting)
Sens - up	Auto (Selectable limit ~ x30) / Off
D - EFFECT	Freeze / Mirror / D-Zoom / NEG.IMAGE
Protocol	Pelco-D / Pelco-P
Communication	RS-485[Baud Rate : 2400~38400]
Power	DC12V ~ 24V ±10%, 2.3W(1080p/30fps), 3.3W(1080p/60fps)
Operating / Storage Temperature	-5°C ~ +50°C (Humidity: 0%RH ~ 80%RH) -20°C ~ +60°C (Humidity: 0%RH ~ 90%RH)
Dimension	29mm X 29mm X 29mm (Connector, C/CS mount excluded.)
Weight	Approx. 40g

* All specifications are subject to change without notice.