

High-Speed, High-Resolution Industrial Camera Technology

IC-M29N-CL
(Previous IC-M29)

IC-M29S-CL
(NEW Compact "S" Model)

29MP @ 4.5 FPS, CCD



- 29 Mega Pixel CCD Sensor
- Resolution 6576 x 4384
- High S/N Ratio Over 55 dB
- Flat Field Correction
- Dead Pixel Correction
- True 8/10/12 Bit Data Output
- High Sensitivity 34 $\mu\text{V/e-}$
- High Dynamic Range 64 dB
- F / M58 / M72 / LM-Mount
- 75mm x 75mm Compact Size

* All specifications subject to change without notice.

A diagram of a circular connector with six pins. The pins are numbered 1 through 6 in a circular arrangement: 1 is at the top, 2 is at the top-left, 3 is at the bottom-left, 4 is at the bottom, 5 is at the bottom-right, and 6 is at the top-right.

Mating Connector : Female (part#HR10A-7P-6S)

A diagram of a circular connector with 12 pins. The pins are numbered 1 through 12 in a circular arrangement. Pin 1 is at the top right, and the numbering proceeds clockwise. The connector has a central pin and an outer ring of pins.

Mating Connector : Male (part#HR10A-10P-12P)

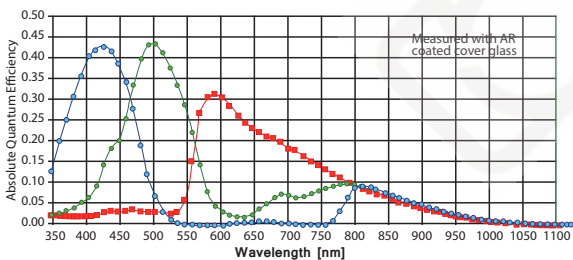
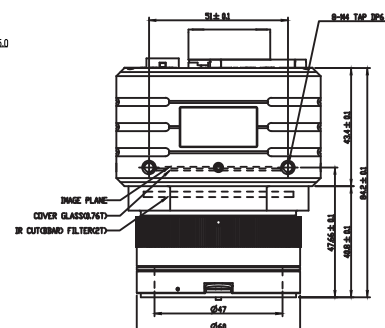
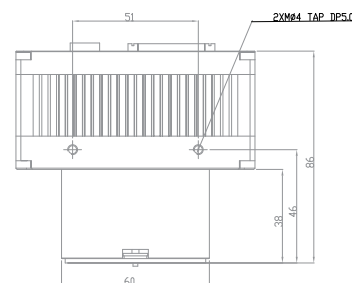
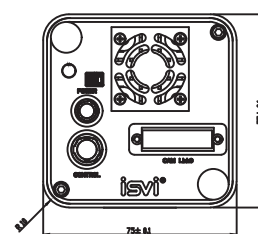
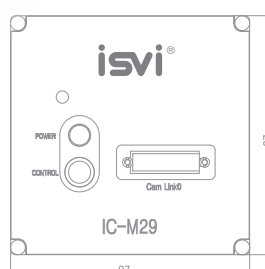


Figure 1 is a line graph showing the Absolute Quantum Efficiency (Y-axis, ranging from 0.00 to 0.50) versus Wavelength [nm] (X-axis, ranging from 350 to 1100). The efficiency starts at approximately 0.15 at 350 nm, rises to a peak of about 0.47 at 500 nm, and then gradually decreases, reaching near zero efficiency by 1100 nm. The data is labeled as 'Measured with AR coated cover glass'.

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