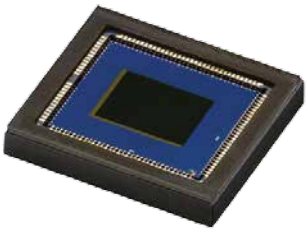
CANON

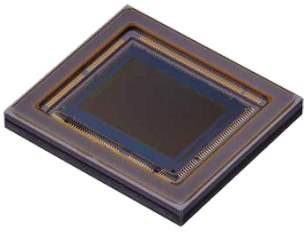
Canon



LI7060SAC

2.8 MP HDR CMOS sensor
1/2.3" (6.2mm x 4.66mm) sensor size
3.2 µm square pixels
60 fps / 30 fps (HDR)
MIPI CSI-2 interface

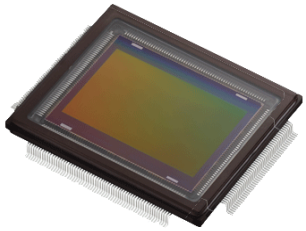
Enables cameras to record high-quality video, even when positioned at building entrances and other locations where there are significant variations in illumination levels. During normal drive operation, the sensor realizes a noise level of 75dB and captures video without blown-out whites and crushed blacks in environments with illumination levels.



LI7030SAC

12 MP CMOS sensor
Approx. 1 inch (12.8mm x 9.6mm) sensor size
3.2 µm square pixels
60 fps (4k2k) / 24 fps (4k3k)
LVDS interface

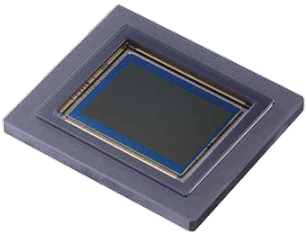
The sensor has Canon's low-noise technology with delivering high-quality imaging. This delivers wide dynamic range and achieved excellent imaging characteristics at low illuminance.



LI8020SAM Monochrome / LI8020SAC RGB

250 MP CMOS sensor
APS-H (29.35mm x 18.88mm) sensor size
1.5 µm square pixels
5 fps (full area readout)
LVDS interface

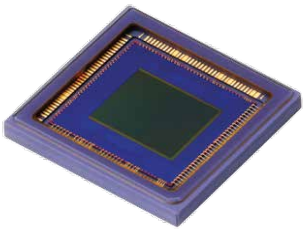
Approximately 125 times that of full HD (1920 x 1080 pixels) and approximately 30 times that of 4K (3840 x 2160 pixels)—allowing users to crop selected areas and digitally zoom to expand images while still retaining sufficiently high resolution.



120MXSI RGB-NIR / 120MXSM Monochrome / 120MXSC RGB

120MP CMOS sensor
APS-H (29.22mm x 20.20mm) sensor size
2.2 µm square pixels
9.4 fps (full area readout)
LVDS interface

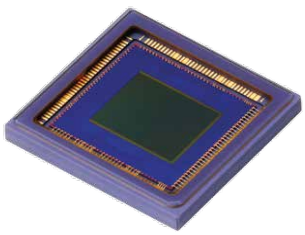
Approximately 60 times the 1920 x 1080 pixel resolution of Full HD. What's more, this CMOS sensor performs parallel processing to support the high-speed readout of large volumes of pixels and this not only makes possible the capture of clear, high-quality images, even when cropping or using digital zooming but also supports the capture of moving subjects in high resolution.



LI5010SAI RGB-NIR / LI5010SAM Monochrome / LI5010SC RGB

5 MP CMOS sensor
Approx. 2/3 inch (8.8mm x 7.0mm) sensor size
3.4 µm square pixels
120 fps (full area readout)
LVDS interface

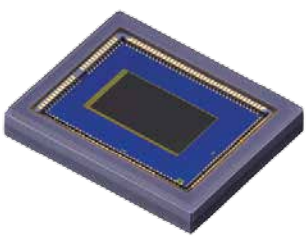
Adopts a global shutter that exposes all pixels simultaneously. This allows for the accurate image capture of even subjects moving at high speeds, making the sensors ideal for cameras performing such tasks as inspecting parts on factory conveyor belts.



LI5020SAI RGB-NIR / LI5020SAM Monochrome / LI5020SAC RGB

5 MP CMOS sensor (Enhanced Near-Infrared Sensitivity)
Approx. 2/3 inch (8.8mm x 7.0mm) sensor size
3.4 µm square pixels
120 fps (full area readout)
LVDS interface

By replacing one of the green filters on a standard colour CMOS sensor with a Near Infra-Red (NIR) filter, image processing from this sensor allows for the separation of visible and NIR spectrums. Near-infrared images can be used to check for internal foreign matter, and colour images for printing errors on the surface of package.



LI7050SAC

2.1 MP HDR CMOS Sensor
1/1.8 inch (7.94mm x 4.49mm) sensor size
4.1 µm square pixels
60 fps (full area readout)
MIPI CSI-2 interface

The LI7050 supports the MIPI CSI-2 interface utilized by a wide range of consumer and industrial-use cameras, thereby greatly expanding the number of possible equipment combinations.

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