

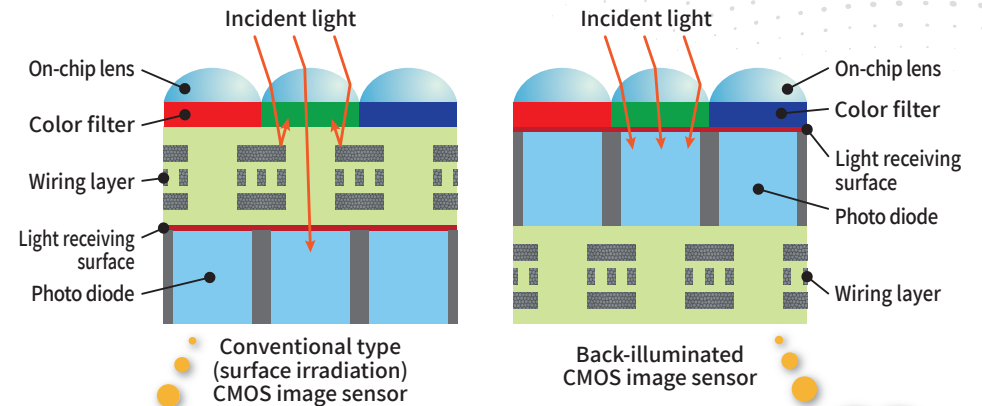
Features of Sony Pregius 4th Generation Camera

Features

- 1: Capture bright images even with small pixel size Pregius S
- 2: Housing with C mount
- 3: Resolution: Line-up from 5MP to 24.5MP
- 4: Frame rate: 75.6 fps (5MP) to 15 fps (24.5MP) with USB3 interface
- 5: Accurate inspection with high resolution

* Pregius, Pregius S or Pregius S logo are trademarks of Sony Corporation.

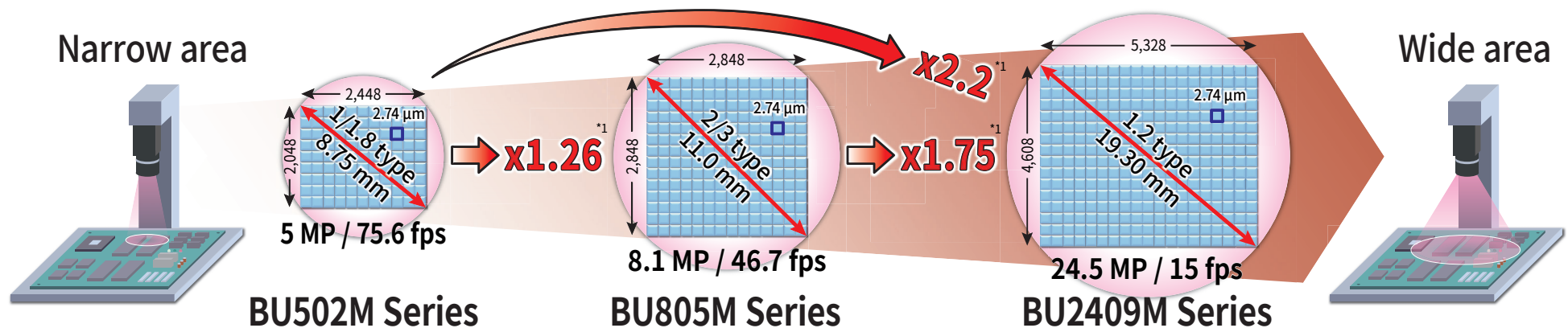
Difference between Surface-illuminated Type and Backside-illuminated Type Sensor



Incident light is prevented by the wiring layer before reaching the photodiode. As a result, sensitivity is reduced, and brightness of the image decreases.

It sets photodiode on front surface, then sets color filter and micro lens on the surface. As a result, sensitivity is well kept without hindrance of wiring layer.

Wider range with the same limit of resolution



*1 : Comparing in image size of effective pixels.