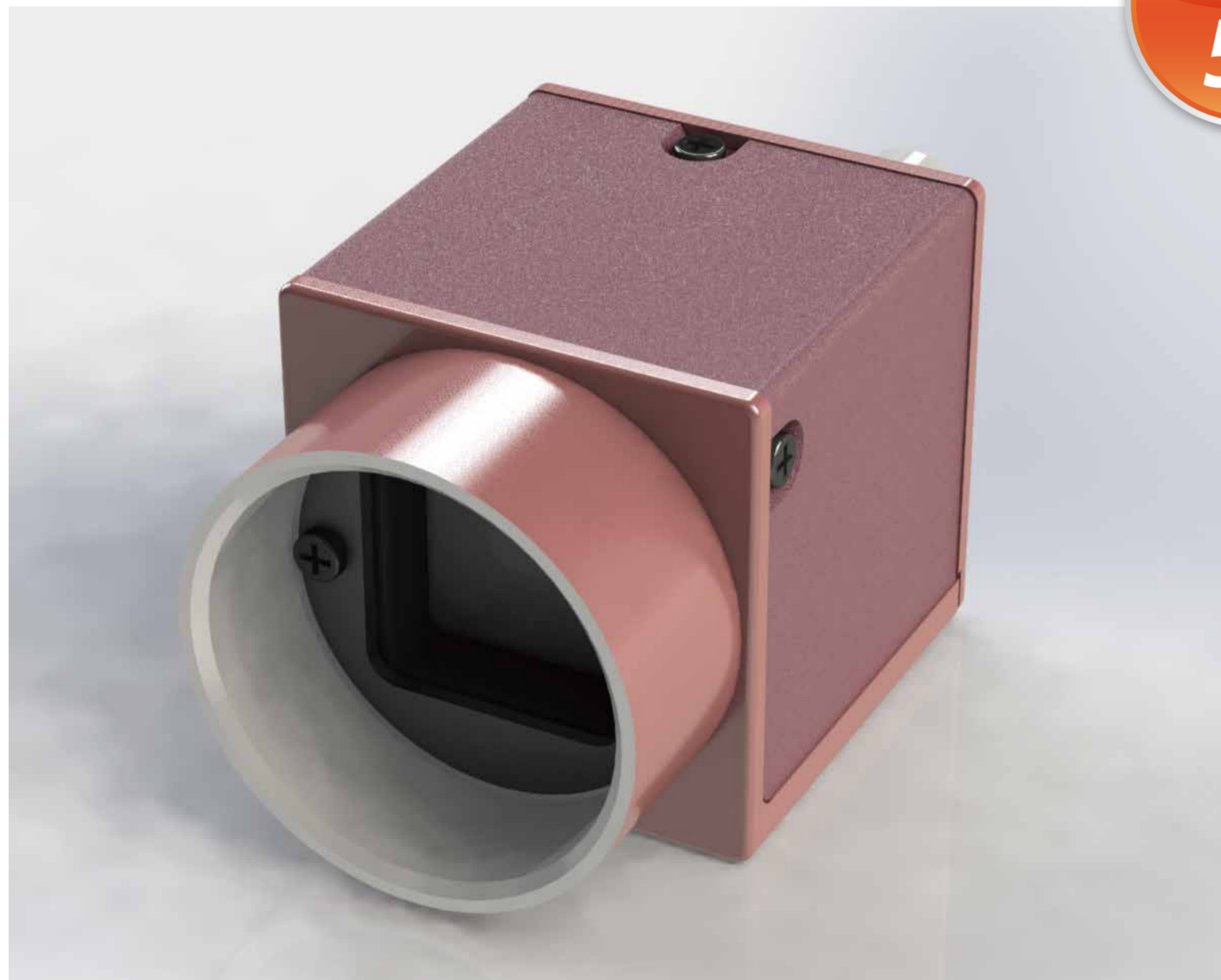


24MP C-mount is workable with the 4th generation Pregius [Reference exhibit]

Backside illumination type GS-CMOS sensor camera

4th Generation Pregius

Bandwidth
5G



USBTM
VISION

Pregius S

Overview

- 1:** High resolution is achieved among C-mount cameras with 2.74µm pixel pitch
- 2:** Sensitivity is improved even on fine pixel by adopting backside illumination technology
- 3:** Higher resolution than Pregius 12MP in unit area
- 4:** 16MP / 20MP / 24MP are in sensor product range
- 5:** High speed response technology: with Teli Core Technology (CPU free)

Target Market

- ⋮ Replacement from cameras with Sony's 5MP and 12MP
- ⋮ Fine inspection, system which needs high resolution and miniaturization

Major Specifications

- | | |
|---|----------------------------|
| 1: Imaging device | Sony's IMX530 |
| 2: Resolution | 24MP (5,320 x 4,600 pixel) |
| 3: Pixel size | 2.74 µm x 2.74 µm |
| 4: Optical size | 1.2 type |
| 5: Maximum frame rate (all pixels) | [TBD] fps |
| 6: Interface | USB3.1 Gen.1 |

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