

GLUX Series

BSI SCIENTIFIC CMOS IMAGE SENSOR

GLUX

The GLUX is a BSI, scientific grade CMOS image sensor product family combining sub-electron noise performance and high sensitivity. The GLUX series is a backside illuminated, scientific grade CMOS image sensor product family combining sub-electron noise performance with high frame rates for ultra-low light imaging in scientific and surveillance applications.

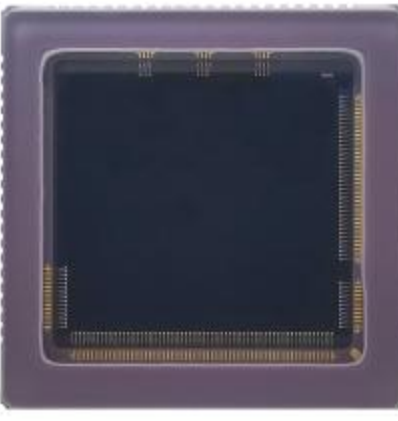
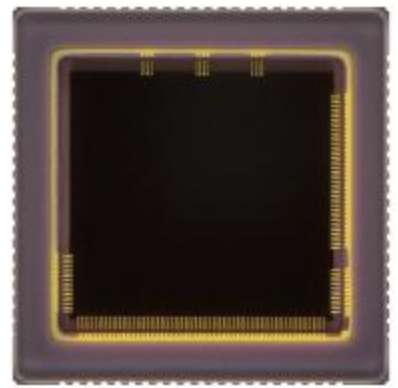


Product Family Features

- ✓ High Sensitivity
- ✓ HDR
- ✓ Low Noise
- ✓ BSI

Applications

- ✓ Microluminescence Imaging

CMOS Image Sensors	Resolution	Pixel Size (μm ²)	Optical Format	Shutter Type	Dark Current (e ⁻ /s/pixel)	Peak QE	FWC Max (ke ⁻)	Temporal Noise Min (e ⁻)	DR Max (dB)	ADC (bit)	Max Frame Rate (fps)
GLUX9701BSI 	1280 x 1024	9.76 x 9.76	1" 16.0 mm	Rolling	0.08 (-28°C)	89% (610 nm)	48	0.9	89.5	12	30
GLUX1605BSI 	800 x 600	16.0 x 16.0	1" 16.0 mm	Rolling	0.22 (-33°C)	91% (550 nm)	73.4	0.9	93	12	60

GPIXEL CHINA CHANGCHUN (HQ)
 Building 5, Optoelectronic Information
 Industrial Park, 7691 Ziyou Road,
 130033 Changchun, Jilin, China
 Phone: +86-431-85077785

GPIXEL EUROPE
 Gpixel NV
 Copernicuslaan 60, 2018
 Antwerpen, Belgium
 Phone: +32-33034442

GPIXEL JAPAN
 Gpixel Japan Co., Ltd.
 TOC Osaki Building 18th Floor, 1-6-1 Osaki,
 Shinagawa-ku, Tokyo, 141-0032 Japan
 Phone: +81-03-5962-1600



All rights reserved.
 Subject to change without notice