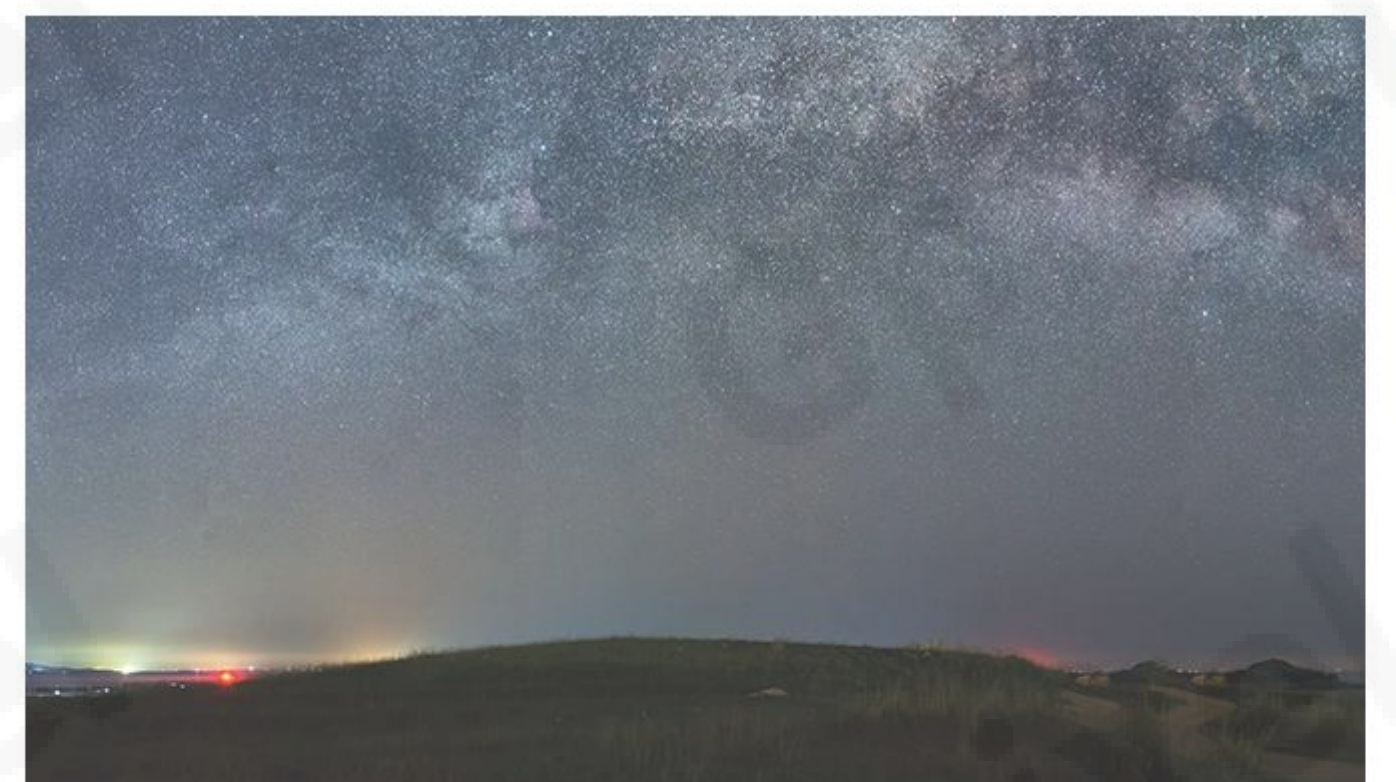
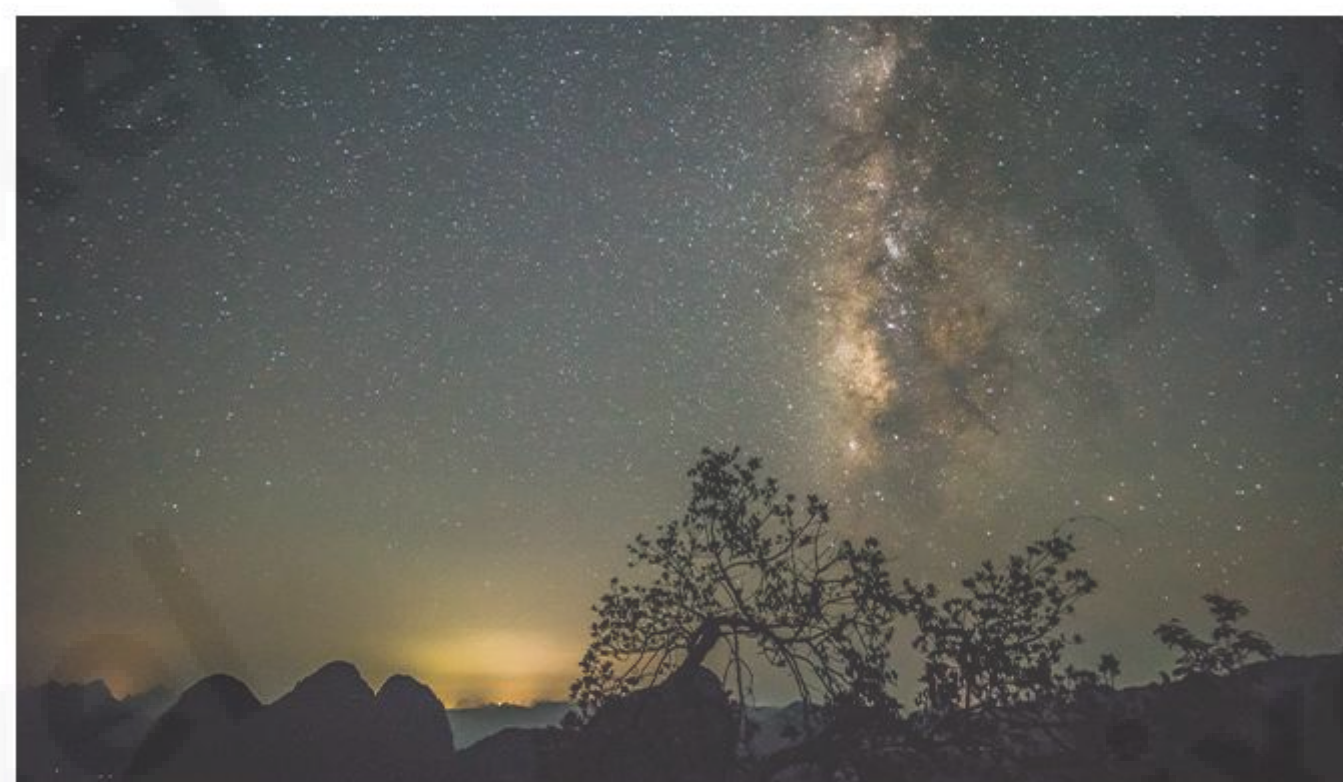
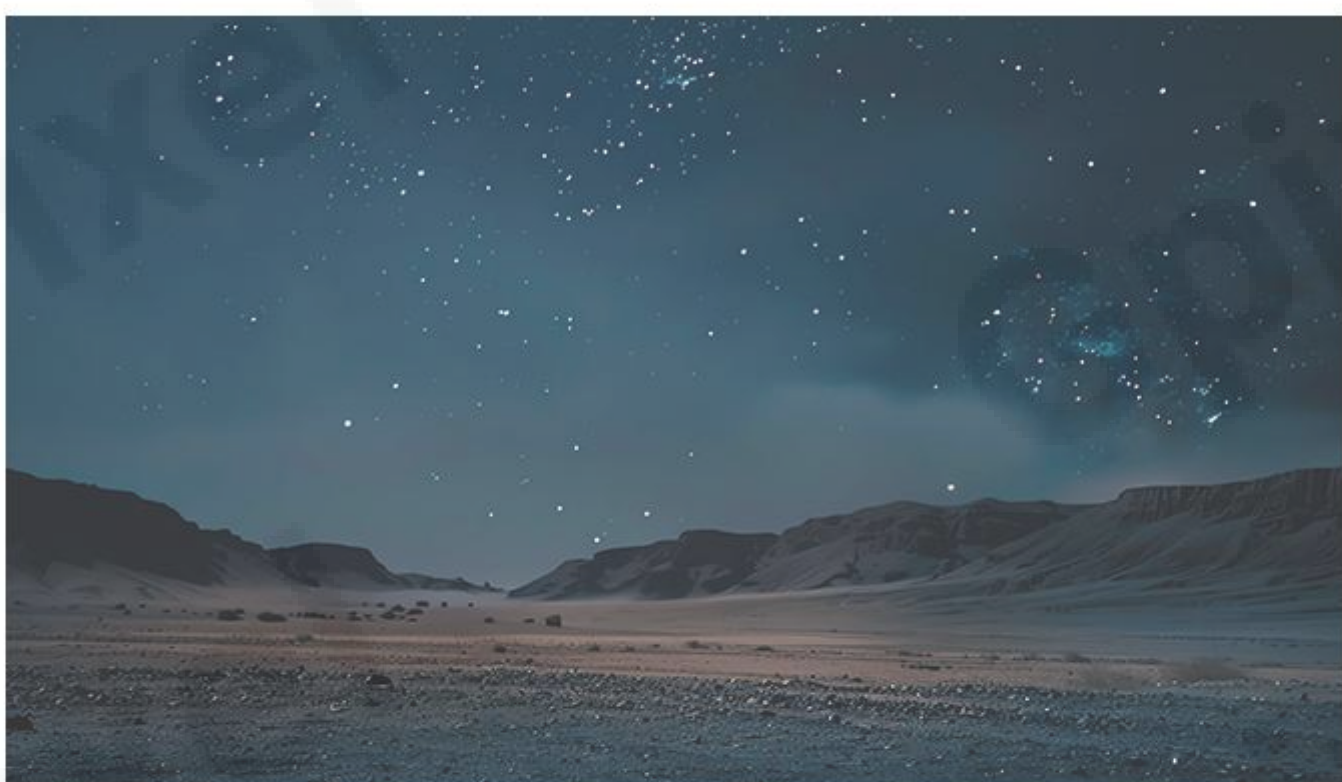


GLUX Series

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.

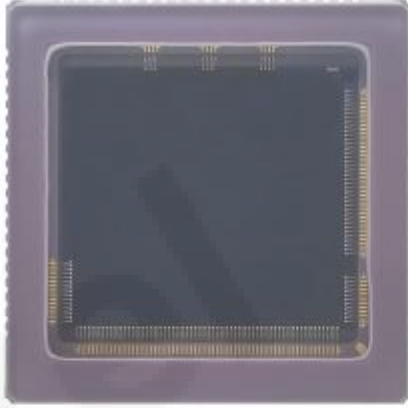
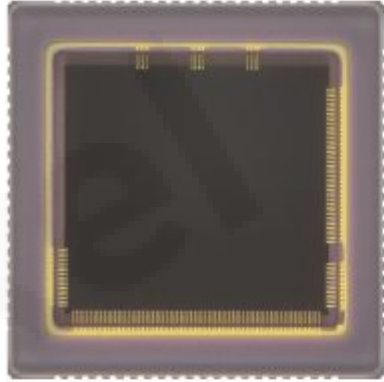


Product Family Features

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

Applications

- ✓ Microluminescence Imaging

CMOS Image Sensors	Resolution	Pixel Size (μm²)	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

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