

CMOS High Resolution Video Array

Manufacturer: Silicon Video

Model Number	Pixels	Pixel Size	Mono & RGB	Frames/sec	Supply Voltage	Package
QuadHDTV	3840x2160	7.5µm x 7.5µm	Yes	Up to 30	5V	LCC

CMOS Linear Array

Manufacturer: Silicon Video

Model Number	Pixels	Pixel Size	Frame Rate	Dark Current	S/N Ratio	Temp Range	Package
ELIS-1024	1024 512 256 128	7.8µm x 125µm 15.6µm x 125µm 31.2µm x 125µm 62.4µm x 125µm	976@1MHz 1953@1MHz 3906@1MHz 7812@1MHz	Yes	71dB	0° to 50°C	LCC
LIS-1024	1024	7.8µm x 125µm	1kHz-20MHz	Yes	90dB	0° to 50°C	LCC
RPLIS-2048	2048	4.0µm x 32µm		No	67dB	-10° to 50°C	LCC
SLIS-2048	2048	7.0µm x 7.0µm	60MHz	Yes	63dB	-10° to 55°C	LCC

InGaAs Near Infrared Detectors and Imaging Arrays

Manufacturer: XenICs

Model Number	Wavelength Range	Pixels	Pixel Pitch	Pixel Height	TE-Cooler	Defective Pixels
XSNG-λ2.5-050-TEx XSNG-λ2.5-100-TEx XSNG-λ2.5-200-TEx	1.1 - 2.5	1	φ 500 φ 1000 φ 2000		Uncooled, One-stage or Two-Stage	
XLIN-λ1.7-256-TEx-0% XLIN-λ1.7-256-TEx-2% XLIN-λ1.7-512-TEx-0% XLIN-λ1.7-512-TEx-2%	0.9 - 1.7	256 512	50 25	500	Uncooled or One-Stage	0% Max 2% 0% Max 2%
XLIN-λ2.5-256-TE2 XLIN-λ2.5-512-TE2	1.1 - 2.5	256 512	50 25	500	Two-Stage	Max 5%
XFPA-λ1.7-320-TEx	0.9 - 1.7	320x256	30	30	Uncooled or One-stage	Max 2%
XFPA-λ2.5-320-TE2	1.1 - 2.5	320x256	30	30	Two Stage	Max 2%