



SentinelCAM: Space Cameras

> SentinelCAM-2 Camera

PRODUCT INFORMATION

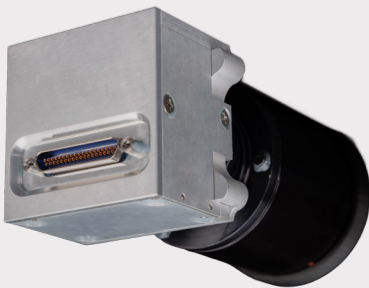
- + Notable Features
 - + Cost optimized, rugged design
 - + GigE Vision 2.0.3 compliant
 - + 1 PPS time reference input
 - + Settable Time Epoch
 - + Hardware & software image triggers
 - + Health and status reporting
 - + Built in test for camera hardware verification



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PRODUCT SPECIFICATIONS

RESOLUTION	5MP (2592 x 1944)
SHUTTER	CMOS rolling shutter, Global reset shutter
IMAGE DEPTH	12-bit, 1.4 V/lux-sec (500 n-m)
DYNAMIC RANGE	70.1 dB, Image SNR 38.1 dB
EXPOSURE TIMING PRECISION	1 μ -sec
EXPOSURE DURATION	0.1 – 5000 msec
LENS (C-MOUNT)	4.8, 8, 11, 70, 200 (mm) Custom sizes available upon request.
INPUT VOLTAGE	5.0 $\pm$ 0.3 VDC
AVERAGE POWER CONSUMPTION	2.5 W
OUTPUT FORMATS (GigE)	Mono8 (8 bit), Mono12 (12 bit)
WEIGHT (EXCL LENS)	150 g
ENVELOPE (EXCL LENS)	50 x 50 x 49 mm
SHOCK & VIBE	1550 g pyro-shock to 10,000 Hz, Vibration to 4.1 gRMS, 3-axes
OPERATING TEMPERATURE	-30 to 50°C
RADIATION (TID)	45 krad (Si)
DESCTRUCTIVE SEE	> 37 MeV-cm ² /mg



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