

## OV6920 NTSC product brief





## ultra small 1/18-inch CMOS camera-on-a-chip

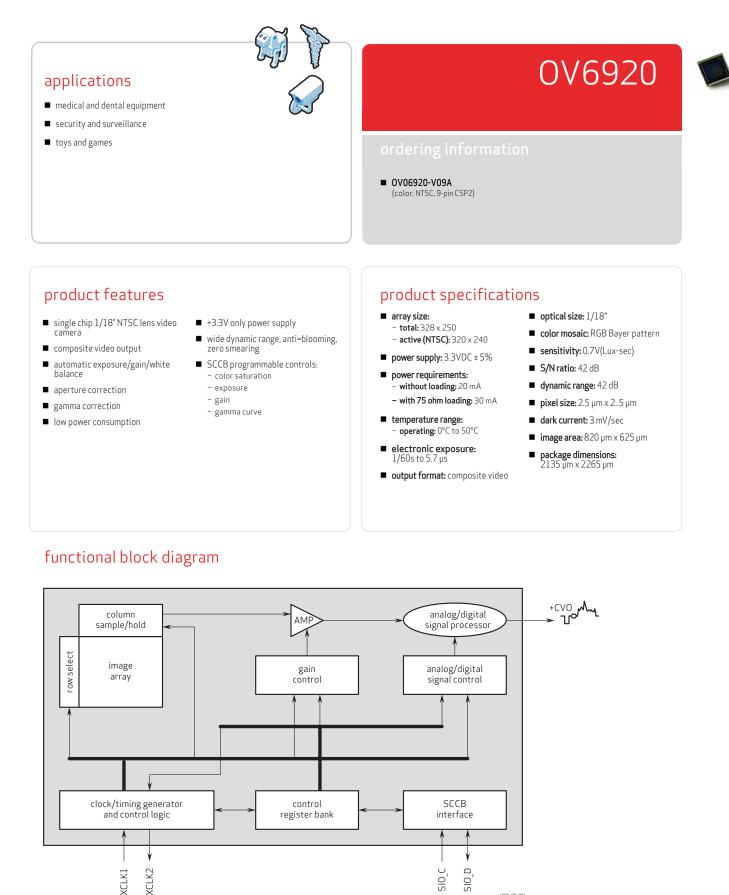
The OV6920 is a 1/18-inch optical format CMOS image sensor incorporating a high level of functionality and very low power consumption in an ultra-small footprint package. This makes it ideal for use in small disposable cameras for medical imaging applications such as diagnostic and intubation systems.

The 2.1 x 2.3 mm CSP packaged sensor enables a microscopic camera module with a 4.0 mm diameter, to make medical procedures even less invasive for the patient.

Having been designed for very low power operation, the OV6920 only requires a clock and a single 3.3-volt DC power supply to get the NTSC composite signal out to a direct interface with a VCR and TV monitor.

The OV6920 is built on OmniVision's proprietary OmniPixel2<sup>™</sup> architecture providing the highest image quality, performance and clarity. It is an ideal solution for medical applications that require both color video and a very small footprint package.





4275 Burton Drive Santa Clara, CA 95054

tel: +1 408 567 3000 fax: +1 408 567 3001 www.ovt.com

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