



# OV6920<sub>NTSC</sub> product brief



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

With an optical format of only 1/18-inch, the OV6920 single chip CMOS image sensor is the smallest NTSC camera on the market today. The OV6920 incorporates a high level of functionality and very low power consumption in an ultra-small footprint package making 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® 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.

