

Medical Camera Module for Single-Use Endoscope

Model : OM-2111



Features

- Optical size of 1/7.25"
- Pixel size 1.116 μm
- Dimension $\text{\O}3.9$ mm
- Digital output
- Low power consumption

OM-2111 is a low voltage, high performance CMOS image sensor.

It provides full-frame images in 10bits RGB format via the MIPI format. It captures high quality 1920 x 1080 resolution video at 60 frames per second (fps).

Furthermore, OPCOM offers automatic module welding technology to simplify manufacturing processes and make it easy to install LEDs into module.

Our technology can assist to shorten the time-to-market, and is the industry's most cost-effective solution for single-use endoscopes.

OPCOM Medical

A Founded in 2022, OPCOM Medical is located in Taiwan and we're a subsidiary of OPCOM Inc, which has a excellent track record of camera system provider for more than 30 years.

OPCOM Medical is focusing on total solutions of single-use endoscope - From component selection, design proof, regulatory compliance, project management and flexible manufacturing capacity.

On top of those core competences, OPCOM Medical is also a ISO13485:2016 certified company and have capability to assemble in class 100,000 clean room.

SPECIFICATION

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Effective Pixel	1920 x 1080
Frame Rate	60 fps
Size (W*H*L)	$\text{\O}3.9$
Field of View	110° (TBC)
Depth of field	5-50mm (TBC)
Cable Outer Diameter	$\text{\O}1\text{mm}$
Cable Length	1M (default) 3M (with modulator)