

Camera Module

Model : OM-1314



Features

- Optical size of 1/9"
- Pixel size 1.4μm
- Tiny dimension 2 x 2 mm
- MIPI 1 Lane output
- Low power consumption
- WLO lens technology

OM-1314 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 1000 x 1000 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.

| SPECIFICATION | |
|----------------------|----------------|
| Effective Pixel | 1000 x 1000 |
| Frame Rate | 60 fps |
| Size (W*H*L) | 2 x 2 x 4 mm |
| Field of View | 120° ± 3° |
| Depth of field | 5-50mm |
| Cable Outer Diameter | Φ 1mm |
| Cable Length | 2.5M (default) |

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.