

# MIS5001

## ROLLING SHUTTER CMOS IMAGE SENSOR



### 产品介绍 CHIEF APPLICATION

MIS5001 is a 1/2.7 inch 5-megapixel CMOS image sensor chip, the effective pixel array is 2608X1958, the chip supports 2K high-speed video applications. The MIS5001 features excellent dark environment imaging capabilities, multi-chip synchronization, and flexible, rich configuration features.

### 规格说明 Specification

项目   Item	参数   Parameters
Active Array Size	2608(H)*1958(V)
Pixel Size	2.0um x 2.0um
Lens Size	1/2.7 Inch
Operating Junction Temperature	-40~85°C
Output Format	RAW10
Sensitivity	2.2V/lux.s
Dynamic Range	74dB
SNR Max	39dB

### 应用场景 Application Scenarios

- 安防监控类 Security Monitoring calss
- 消费类视频产品 Consumer Video products
- 5Mp视频应用 5Mp Video Application

### 产品特性 Product Feature

- 暗环境成像 Dark Environment imaging
- CSP-41封装 Encapsulation Of CSP-41
- 低功耗 Low Power consumption
- 高帧率 High Frame rate



■ **Chengdu Office** (Product Center - Headquarters)  
9-10F, Unit B6-2, AI International Hub, 171# Hele 2nd street, Hi-Tech District, Chengdu, P.R.China  
TEL: 028-68669333 WEB: www.imgds.com  
E-mail: imgds@imagedesign.com

■ **Shanghai Office** (R&D Center)  
497 Gaosi Road, Zhagjiang High Tech Park, Pudong New Area, Shanghai

■ **Shenzhen Office** (Support Center)  
3F, tower t2-a, Shenzhen Software Park, No. 22, gaoxinnan 7th Road, Nanshan District, Shenzhen