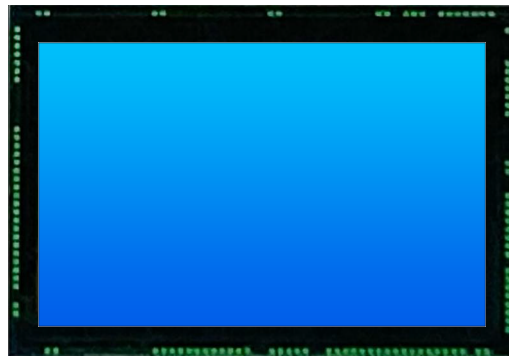


MIS8001

ROLLING SHUTTER CMOS IMAGE SENSOR



产品介绍 CHIEF APPLICATION

MIS8001 is a 1/1.8 inch 8-megapixel CMOS image sensor chip, the effective pixel array is 3872X2208, the chip supports 4K high-speed video applications. The MIS8001 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	3872 (H) * 2208 * (V)
Pixel Size	2.0um * 2.0um
Lens Size	1/1.8 Inch
Operating Junction Temperature	-40~85°C
Output Format	RAW10/RAW12
Sensitivity	2.2V/lux.s
Dynamic Range	66.7dB
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
- 4K视频应用 4K Video Application
- 手机前摄 Mobile phone front shot

产品特性 Product Feature

- 高速数据输出 High speed data output
- 高灵敏度低暗电流 High sensitivity low dark current
- 低功耗 Low Power consumption
- 可编程控制 Programmable Control



■ **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