

MIS20S1

ROLLING SHUTTER CMOS IMAGE SENSOR



产品介绍 HIEF APPLICATION

The MIS20S1 is a 1/2.8 inch 2-megapixel CMOS image sensor chip with an effective pixel array of 1928×1088. The MIS20S1 has excellent dark environment imaging capabilities, supports Fast AE/AWB functionality, supports multi-chip synchronization, provides on-chip temperature sensors, and flexible, rich configuration features.

规格说明 Specification

项目 Item	参数 Parameters
Active Array Size	1928 (H) * 1088 (V)
Pixel Size	2.9um*2.9um
Lens Size	1/2.8Inch
Operating Junction Temperature	-40~85°C
Output Format	RAW10/RAW12 RGB
Sensitivity	13.8 V/lux.s
Dynamic Range	103dB
SNR Max	43.3dB

应用场景 Application Scenarios

- 安防监控类 Security Monitoring class
- 消费类视频产品 Consumer Video products
- 1080P60 视频应用 1080P60 Video Application

产品特性 Product Feature

- AOV AOV
- 近红外增强 High-speed Image Processing
- 图像预处理 Image Preprocessing
- 低功耗 Low Power consumption



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