

MIS40H1

ROLLING SHUTTER CMOS IMAGE SENSOR



产品介绍 CHIEF APPLICATION

The MIS40H1 is a 1/1.8-inch 4-megapixel CMOS image sensor (CIS) chip with an active pixel array of 2696 × 1528. It delivers outstanding low-light imaging performance, supports Fast Auto Exposure (AE) and Auto White Balance (AWB) functionality, enables multi-chip synchronization, integrates an on-chip temperature sensor, and offers flexible and comprehensive configuration options.

规格说明 Specification

项目 Item	参数 Parameters
Active Array Size	2696 (H) *1528 (V)
Pixel Size	2.9um*2.9um
Lens Size	1/1.8Inch
TEMP Range Operation	-40~85°C
Output Format	RAW10/RAW12 RGB
Sensitivity	11.7 V/lx.s
Dynamic Range	120dB
SNR Max	43.5dB

应用场景 Application Scenarios

- 安防监控类 Security Monitoring class
- 黑光全彩应用 Black light full-color application
- AIoT物联网低功耗(AOV)应用 AIoT Low-Power Consumption Applications

产品特性 Product Feature

- AOV AOV
- 高动态范围 High Dynamic range
- 高帧率 High Frame rate
- 低功耗 Low Power consumption



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