



NV05S10

ROLLING SHUTTER CMOS IMAGE SENSOR

CHIEF APPLICATION

NV05S10 is a 1/2.7 inch 5 million pixel CMOS image sensor chip, the effective pixel array is 2608X1958, the chip supports 2K high-speed video applications. The NV05S10 features excellent dark environment imaging capabilities, multi-chip synchronization, and flexible, rich configuration features.

Specification

Item	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



Application (Reference)

Application Scenarios

- Security Monitoring calss
- Consumer Video products
- 5Mp Video Application

Product Feature

- Dark Environment imaging
- Encapsulation Of CSP-41
- Low Power consumption
- High Frame rate