



NV02S20

ROLLING SHUTTER CMOS IMAGE SENSOR

CHIEF APPLICATION

The NV02S20 is a 1/2.8 inch 2-megapixel CMOS image sensor chip with an effective pixel array of 1928 × 1088. The NV02S20 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.

Specification

Item	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	13.8V/lux.s
Dynamic Range	103dB
SNR Max	43.3dB



Application (Reference)

Application Scenarios

- Security Monitoring class
- Consumer Video products
- 1080P60 Video Application

Product Feature

- High-speed Image Processing
- AOV
- Low Power consumption
- Image Preprocessing