



NV04S30

ROLLING SHUTTER CMOS IMAGE SENSOR

CHIEF APPLICATION

The NV04S30 is a 11.8-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.

Specification

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



Application (Reference)

Application Scenarios

- Security Monitoring class
- Black light full-color application
- AIoT Low-Power Consumption Applications

Product Feature

- High Dynamic range
- AOV
- Low Power consumption
- High Frame rate