



SMARTSENS

# CMOS图像传感器

## CMOS IMAGE SENSOR

### SC2336 产品单页

#### SC2336 Product Flyer

- 高灵敏度  
High sensitivity
- 850/940 nm 近红外增益  
850/940 nm NIR improvement



## 公司简介 | Company Profile

思特威(上海)电子科技股份有限公司(SmartSens Technology)是一家从事CMOS图像传感器芯片产品研发、设计和销售的高新技术企业,总部设立于中国上海,在多个城市及国家设有研发中心。

自成立以来,思特威始终专注于高端成像技术的创新与研发,凭借自身性能优势得到了众多客户的认可和青睐。作为致力于提供多场景应用、全性能覆盖的CMOS图像传感器产品企业,公司产品已覆盖了安防监控、机器视觉、智能车载电子、智能手机等多场景应用领域的全性能需求。

思特威将秉持“以前沿智能成像技术,让人们更好地看到和认知世界”的愿景,以客户需求为核心动力,持续推动前沿成像技术升级,拓展产品应用领域,与合作伙伴一起助推未来智能影像技术的深化发展。

SmartSens Technology (Shanghai) Co., Ltd. is a high-performance CMOS image sensor (CIS) chip design company. It is headquartered in Shanghai and has research centers in many cities around the world.

SmartSens has been dedicated to pushing forward the frontier of imaging technology and growing in popularity among customers since it was established. SmartSens' CMOS image sensors provide advanced imaging solutions for a broad range of areas such as surveillance, machine vision, automotive and cellphone cameras.

SmartSens is committed to continuous innovation of products and fueling growth in numerous industries by delivering a more comprehensive portfolio of image sensors.

## 规格说明 | Specifications

项目   Item	参数   Parameters
Resolution	2MP
Pixel Array	1928H x 1088V
Pixel Size	2.7 $\mu$ m x 2.7 $\mu$ m
Optical Format	1/3"
Max Frame Rate	1920H x 1080V @30fps
Output Interface	10 bit DVP 10/8 bit 1/2 lane MIPI
Output Format	RAW RGB
CRA	12°
Sensitivity	6,594mV/Lux-s
Dynamic Range	74dB
SNR	36dB
Operation Temperature Range	-30°C to +85°C
Best IQ Temperature	-20°C to +60°C
Power Supply	Analog = 2.8V $\pm$ 0.1V I/O = 1.8V $\pm$ 0.1V
Package	35 pin CSP
Package Size	5.718mm x 3.663mm

## 产品特性 | Features

- DSI-2技术, 感度更出色**  
 Using DSI-2 Technology to Increase Sensitivity
- 搭载PixGain技术, 可支持双像素转换增益**  
 Using PixGain Technology to Support High Gain and Low Gain
- 更高满阱, 更高动态范围**  
 Higher FWC and Dynamic Range
- 超低噪声外围读取电路技术加持, 成像更细腻**  
 Low Noise Reading Circuit Design to Capture Detail-Rich Video

## 应用场景 | Applications

- 安防监控摄像头**  
 Surveillance Cameras
- 智能家居摄像头**  
 Smart Home Cameras
- 运动摄像头**  
 Sports Cameras



WeChat



LinkedIn

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