



SMARTSENS

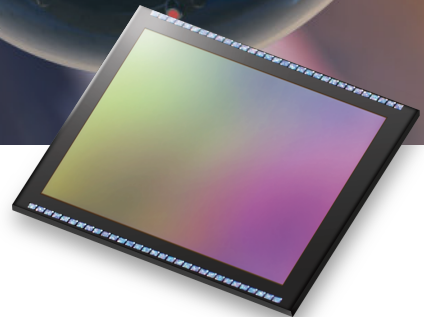
CMOS图像传感器

CMOS IMAGE SENSOR

SC4335 产品单页

SC4335 Product Flyer

- SmartPixel-2™系列DSI技术4MP图像传感器
SmartPixel-2™ series DSI technology 4MP image sensor
- 卓越的灵敏度和超低光性能
Excellent sensitivity and ultra low light performance



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	4 MP
Pixel Array	2572H x 1452V
Pixel Size	2.25μm x 2.25μm
Optical Format	1/2.7"
Max Frame Rate	2560H x 1440V @30fps
Output Interface	12/10/8 bit DVP 10/8 bit 2 lane MIPI
Output Format	RAW RGB
CRA	15°
Sensitivity	4,200mV/Lux-s
Dynamic Range	75dB
SNR	37dB
Operation Temperature Range	-30°C to +85°C
Best IQ Temperature	-20°C to +60°C
Power Supply	Analog = 2.8V
	Digital = 1.5V
	I/O = 1.8V
Package	41 pin CSP
Package Size	6.63mm x 4.34mm

产品特性 | Features

- 采用最新DSI技术
Latest DSI Technology
- 卓越的灵敏度和超低光性能
Excellent Sensitivity and Ultra Low Light Performance
- 850/940 nm 近红外增益
850/940 nm Near IR Improvement
- 支持多Sensor同步
Multiple Sensors Synchronization Support
- 低功耗
Low Power Consumption

应用场景 | Applications

- 模拟监控摄像头
Analog Security Cameras
- IP安防摄像头
IP Security Cameras
- 运动摄像头
Sport Cameras



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