



SMARTSENS

CMOS图像传感器

CMOS IMAGE SENSOR

SC4336P 产品单页

SC4336P Product Flyer

- 搭载升级的DSI-2及SFCPixel®专利技术，为客户提供更优异的产品性能
Upgraded DSI-2 and SFCPixel® technologies enable outstanding CIS performance
- 通过工艺优化与升级，提升产品高温成像性
Upgraded technologies enhance CIS imaging performance in high-temperature environment



公司简介 | Company Profile

思特威(上海)电子科技股份有限公司 SmartSens Technology (股票简称:思特威,股票代码:688213)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. (Stock Code: 688213) 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	4MP
Pixel Array	2568H x 1448V
Pixel Size	2.0 μ m x 2.0 μ m
Optical Format	1/3"
Max Frame Rate	2560H x 1440V @30fps
Output Interface	8/10 bit 1/2 lane MIPI
Output Format	RAW RGB
CRA	15°
Sensitivity	2,813mV/Lux-s
Dynamic Range	76dB
SNR	37.3dB
Operation Temperature	-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	5.75mm x 3.87mm

产品特性 | Features

- 升级DSI-2与SFCPixel®专利技术, 优异暗光成像**
 Upgraded DSI-2 and SFCPixel® technologies enable excellent low-light imaging performance
- 更低功耗, 片内模块精准化控制设计**
 Low power consumption, achieved by the accurate control of CIS IC modules
- 全面优化色彩工艺, 提升色彩还原度**
 Upgraded color-processing technologies lead to an increase in chroma
- 高温成像性提升**
 Enhanced imaging performance in high-temperature environment

应用场景 | Applications

- 安防监控摄像头**
 Security Cameras
- 视频电话会议设备**
 Video Conferencing Devices
- 可移动设备相机**
 Mobile Device Cameras



WeChat



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