CMOS图像传感器
CMOS IMAGE SENSOR

SMARTSENS

SC4336　产品单页

SC4336 Product Flyer

- 搭载DSI-2及SFCPixel®专利技术,拥有更出色的感光度
  Using DSI-2 technology and SFCPixel® technology to increase sensitivity

- 色彩饱和度进一步优化,成像色彩更加艳丽
  Producing enhanced QE and FWC

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.

SC4336 Product Flyer

DSI-2 Series

SMARTSENS

规格说明 | Specifications

项目	Item	参数	Parameters
Resolution	4MP
Pixel Array	2568H x 1448V
Pixel Size	2.0μm x 2.0μm
Optical Format	1/3.06"
Max Frame Rate	2560H x 1440V @30fps
Output Interface	8/10 bit 1/2 lane MIPI
Output Format	RAW RGB
CRA	15°
Sensitivity	2800mV/Lux·s
Dynamic Range	77dB
SNR	38dB
Operation Temperature	-30°C to +85°C
Best IQ Temperature	-20°C to +60°C
Power Supply	Analog = 2.8V±0.1V
	Digital = 1.8V±0.1V
Package	35 pin CSP
Package Size	5.75mm x 3.872mm

产品特性 | Features

- **搭载DSI-2技术，感度更高**
  Using DSI-2 Technology to Increase Sensitivity

- **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**
  Using Low Noise Reading Circuit Design to Capture Detail-Rich Video

应用场景 | Applications

- **AI安防摄像头**
  AI Security Cameras

- **工业安防摄像头**
  Industrial Security Cameras

- **视频会议摄像头**
  Video Conference Cameras