



SMARTSENS

CMOS图像传感器

CMOS IMAGE SENSOR

SC2331 产品单页

SC2331 Product Flyer

- 搭载升级的DSI-2与工艺升级Pro技术，为客户提供更优异的产品性能
Equipped with the upgraded DSI-2 technology and the Pro-series key technologies that allow for enhanced performance
- 适配1/3"靶面镜头，支持Pin 2 Pin产品设计
Good match for a 1/3-inch lens; pin-to-pin compatibility

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	2MP
Pixel Array	1928H x 1088V
Pixel Size	2.45 μ m x 2.45 μ m
Optical Format	1/3.2"
Max Frame Rate	1920H x 1080V @30fps
Output Interface	10 bit DVP 10/8 bit 1/2 lane MIPI
Output Format	RAW RGB
CRA	15°
Sensitivity	5,038mV/Lux·s
Dynamic Range	76dB
SNR	36.2dB
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	5.36mm x 3.35mm

产品特性 | Features

- 升级DSI-2与工艺升级Pro技术, 优异暗光成像与噪声控制性能

The upgraded DSI-2 technology and the Pro-series key technologies allow for enhanced performance in low-light imaging and noise control

- 更低功耗, 赋能全天候运作

Low power consumption better supports wireless video cameras for 24/7 video recording

- Pin 2 Pin设计, 助推全层级产品无缝升级

Pin-to-pin compatibility provides customers with a seamless experience for CIS upgrades

- 适配1/3"靶面镜头

Good match for a 1/3-inch lens

应用场景 | Applications

- 安防监控摄像头

Security Cameras

- 智能家居摄像头

Smart Home Cameras

- 可移动设备相机

Mobile Device Cameras



WeChat



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Website	www.smartsensotech.com
安防监控类应用	security@smartsensotech.com
车载电子类应用	automotive@smartsensotech.com
工业及机器视觉	machinevision@smartsensotech.com
智能手机类应用	mobile_cs@smartsensotech.com
其他	cs@smartsensotech.com

上海办公室

上海市闵行区田林路889号科技绿洲四期8号楼
Building 8, Shanghai Business Park IV, No. 889 Tianlin Road,
Minhang District, Shanghai
Tel: 021-6485-3570

深圳办公室

深圳市龙岗区坂田街道雅宝路1号 星河WORLD B座2801室
B2801, Building B, Galaxy WORLD, No.1 Yabao Road,
Bantian Street, Longgang District, Shenzhen
Tel: 0755-2373-9713

北京办公室

北京市经济技术开发区荣华南路2号大族广场T6座2201室
Room 2201, Building T6, Dazhu Plaza, No.2, South Ronghua
Road, Economic-Technological Development Area, Beijing
Tel: 010-6786-3626

香港办公室

香港观塘鸿图道21号讯科中心10楼F室
RM F, 10/F, INFOTECH CENTRE, 21 HUNG TO RD

美国(圣何塞)

加利福尼亚州圣何塞市史蒂文森森克里克大道4340号280室
4340 Stevens Creek Blvd, Suite 280, San Jose CA95129
Tel: +1 408 981 6626