



机器视觉领域里的智能相机

SmartX-20 系列

The screenshot displays the camera's software interface. On the left, a camera view shows a barcode with the number '8 801620 008009' and Korean text '소비자상담실 080-060-8080'. Below the view, the IP address is '192.168.2.11', the result is 'OK', and the cycle time is '269.54'. On the right, a 'Settings' menu is visible with options for Application, Filter, Barcode (checked), DMC, QR Code, and Micro QR Code. Below the settings are sections for Configuration and Statistics.



SMARTX-20N



SMARTX-20S

- 1D/2D 解码
- 物品有无的检测
- 定位对齐

WebSpect软件是编写在ARM系统里的一款简化版视觉软件，后台基于Halcon编写，功能强大，灵活性高。

Smart-ARM 系列以他的成本优势，造型小巧，在机械视觉领域越来越受欢迎。网页版软件提供1D2D读码，物体有无检测，与机械手配合的定位对齐。

规格配置

| 描述 | SmartX-20N 系列 | | SmartX-20S 系列 | | |
|---------|-------------------------------------|------------|-------------------------------------|------------|-------------|
| 处理器类型 | ARM Cortex A9, 866MHz Duo-Core CPUs | | ARM Cortex A9, 866MHz Duo-Core CPUs | | |
| 内存/ 存储 | 512 MB DDR3 RAM & 4GB Flash | | 1 GB DDR3 RAM & 4GB Flash | | |
| 图像大小 | 0.3MP | 1.3MP | 0.3MP | 1.3MP | 5.0MP |
| 分辨率 | 640 X 480 | 1280 X 960 | 752 X 480 | 1280 X 960 | 2592 X 1944 |
| 芯片尺寸 | 1/3 CMOS | 1/3 CMOS | 1/3 CMOS | 1/3 CMOS | 1/2.5 CMOS |
| 帧率 | 90fps | 45fps | 60fps | 45fps | 13fps |
| 网口 | 10/100M | | 10/100M | | |
| 通讯端口 | TCP / UDP | | RS232 / TCP / UDP | | |
| 独立 I/Os | 2IN / 2OUT | | 1 TRIGGER / 4IN / 4OUT configurable | | |
| 灯光控制 | Embedded Lighting | | External 0 to 350mA Driver | | |
| 供电 | 9 to 30VDC, 1.5W | | 9 to 30VDC, 2W | | |
| 尺寸 | 20 X 20 X 60mm | | 64 X 47 X 29mm | | |
| 重量 | 50gm | | 120gm | | |