EnvyLogic

# Stand Alone Machine Vision

## Smart Camera Scanner
제품 검사용 카메라 영상처리 장비




EV-SSC-100
EV-SSC-200




EV-SSB-100

www.envylogic.com

**Developed for high performance machine vision**

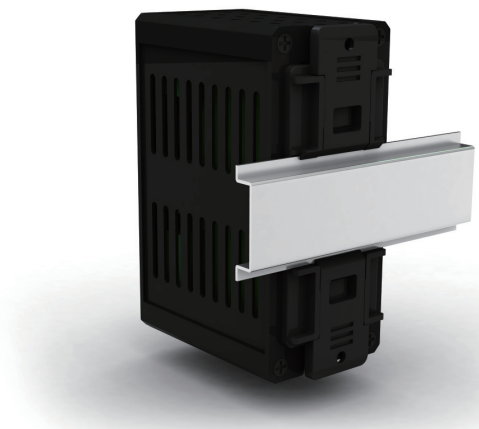
## Features

- Integrated with powerful processor, high resolution CMOS camera
- Easy custom programming by android APP
- All the set up work is possible by touch monitor
- 1D/2D symbol decoding, optical character recognition (OCR)
- Integrated lighting control included strobe light
- Flat/Ring LED light can be attachable
- Selectable 1M~12M camera resolution
- Ethernet TCP/IP, RS-232 interface
- Compact and durable housing

## Model overview



- **EV-SSC-100**
  **EV-SSC-200 (IR Lens)**
  별도 렌즈의 장착이 가능
  (C-Mount 규격)

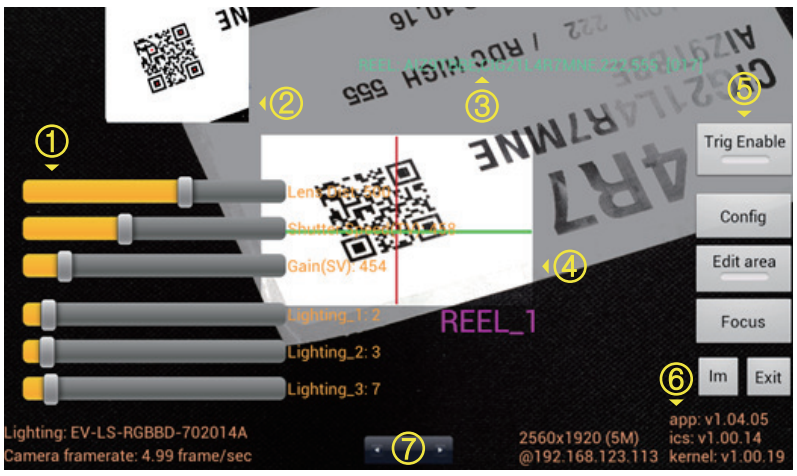


- **EV-SSB-100**

  현장의 레일 시스템에
  탈부착이 가능하며
  부착상태에서 좌우이동 가능

## Software

- **Vision camera software layout**

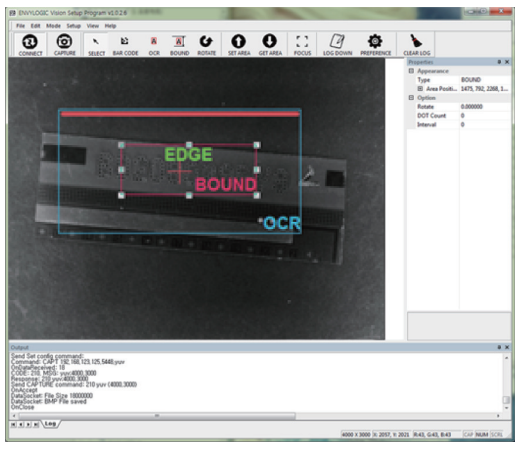



① 컨트롤 스틱바
② 인식결과 이미지
③ 인식결과
④ 인식영역
⑤ 컨트롤 버튼들
⑥ 버전정보
⑦ 메뉴숨김버튼




- **7 Inch TFT LCD monitor (Optional)**

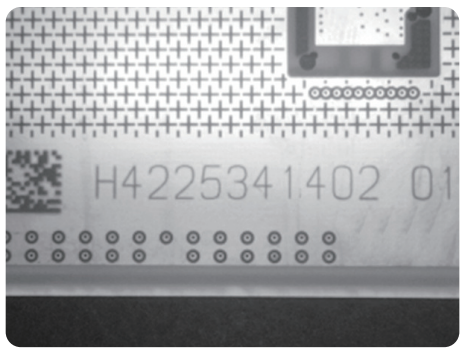
  Touch 기능이 내장된 LCD
  모니터를 통해 현장에서
  Setup 및 제어, 동작
  확인이 가능



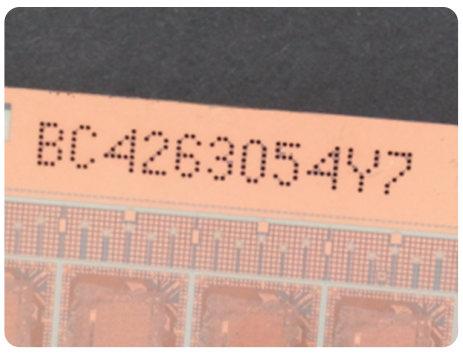

- **Vision camera setup software**

  네트워크를 통한 Vision
  Camera의 관리가 가능

## Target



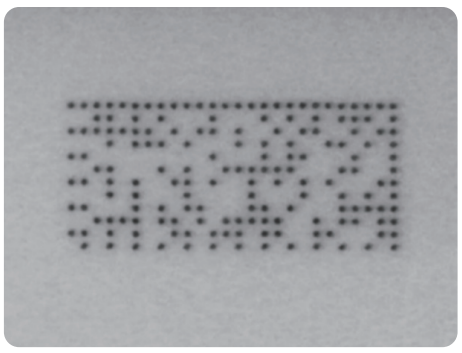

OCR




Punched OCR




Barcode



Punched Barcode

## Specifications

| | |
|---|---|
| Model | Smart Scanner Base (EV-SSB-100) |
| Interface | 10/100MBPS Ethernet , RS-232 |
| I/O | 1 trigger input, 2 input, 2 output, 2 USB host |
| Monitor (Option) | 7.0 inch capacitive touch screen , TFT, 1024x600 |
| | Support HDMI monitor |
| Lighting | Included 3CH LED lighting control |
| Power | 24V, 150mA |
| Camera inferface | MIPI-CSI 4-Lane |
| Dimension | 50 (W)mm × 113.1 (L)mm × 79.8 (H)mm |

| | | |
|---|---|---|
| Model | | Smart Scanner Camera (EV-SSC-100) |
| | | Smart Scanner IR Camera (EV-SSC-200) |
| Image Sensor | Image format | 1/3.06" 13M CMOS Color image sensor, IMX091 |
| | Active pixels | 4208(H) × 3120(V) |
| | Sensitivity | 264mV / lux · sec |
| | Frame rate | 5fps (12M), 50fps (1M) |
| Lens | Focal length | 4.04 mm |
| | F number | 2.4 |
| | Optical length(TTL) | 5.2 mm |
| | Angular field of view | 71.7° |
| Interface | | MIPI 4-Lane |
| Minimum object destance | | 10mm ~ ∞ @ AF |
| Lens Mounte | | C-Mount |
| Dimension | | 51.5 (W)mm × 57 (L)mm × 19 (H)mm |

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