

## VECON-COLORIR-CAMERA

VECON-COLORIR-CAMERA is an application specific camera product that complements the full product range for regions that use reflective material on either the foreground or background of the license plate.

### Features

- A unique design devised for application of VECON-VIS
- Innovative all-in-one-design (Color Camera and IR illuminator)
- The camera is both Color & IR sensitive which is different from the previous IR model
- The video is color with additional IR illumination
- Ultra-high resolution with 650 TV Lines
- The length of the enclosure is 18.5cm which is much less than the previous IR model
- It captures good images of both reflective / non-reflective license plate under direct sun light, back sun light and total darkness
- Apply to both in-door and out-door environment
- Vari-focal lens for flexible camera vehicle distance
- Flexible Pan/Tilt to adjust shooting angle
- Default shutter speed is set to 1/1000 / 1/2000 for fast moving vehicle
- For reflective license Plate, the typical camera & vehicle distance is 4.5m for car park usage.
- For non-reflective license Plate, the typical camera & vehicle distance is 4.5m for car park usage and a white LED light is needed at 2m distance from the vehicle.



### Benefits

- All-in-one design, vari-focal lens, pan/tilt bracket enables easy installation
- Protective housing acts as good insulator to humid environment and dust (IP55)
- Life time of LED IR illuminator lasts five times longer than normal IR light bulbs does
- IP 55 Certificate
- One-year warranty

### Technical Specifications

- IR Camera: 1/3" CCD Sensor 976(H)x582(V) Pixels
- Manual Shutter 1/50~1/10000
- 650 TV Lines & 0.03 Lux at F1.0 AGC
- 1/3" 9-22mm Auto-Iris Lens
- Housing Dimension: 18.5x17.5x22cm (LxWxH)
- Camera housing: IP55 outdoor housing
- LED IR Illuminator: LED Lifetime >10,000 hrs
- Power Consumption: 12VDC 2A
- All-in-one design include Color Camera, Lens, IR LED illuminator and housing



License Plate "PX4417" has reflective background. License Plate "EY8941R" has non-reflective foreground & background. Only the internal IR light of the camera is turned on.



Direct Sun Light, Shutter 1/2000, AGC Low, Environment: 50,000 Lux



Strong Back Light, Shutter 1/2000, AGC Low, Environment: 50,000 Lux



Evening without Head Light, Shutter 1/2000, AGC Low, Environment: 50 Lux



Evening with Head Light, Shutter 1/2000, AGC Low, Environment: 50 Lux



Total Dark without Head Light, Shutter 1/2000, AGC Low, Environment: 5 Lux



Total Dark with Head Light, Shutter 1/2000, AGC Low, Environment: 5 Lux