CCTV Camera Pros LPR Camera System

Features- (Monochrome camera)

- Sony 1/2" Exview CCD
- Built-in 75mm manual iris lens
- 600 TV lines resolution
- Ultra clear high-contrast license plate video
- 96PCS,high efficiency LED
- Selectable LED current modes
- High performance for license plate recognition (LPR/ANPR) applications

Features-Color camera

- 1/3" Sony Exview CCD
- 540 TVL (day mode)
  600 TVL (night mode)
- Provide color overview vehicle images that show shape, color and other vehicle details
- Minimum lux 0.016 Lux
- ICR real day/night
- Built-in four intelligent traffic modes
- Built-in DNR (Digital Noise Reduction)
- BLC (Back light comprehension)

Color

Features-Housing and Bracket

- Die-cast aluminum(3mm thick)
- 6mm thick tempered glass cover
- Vandal-proof and IP67(with cable glands)
- Salt-damage resistance
- Side-open and internal cable arrangement design
- Heater, blower, sunshield and mounting adaptors are available

Why we need two cameras for traffic surveillance?

The monochrome camera produces high-contrast license plate images characterized by unmatched clarity.

Simultaneously, a second camera captures color overview images of vehicles for additional video evidence.

Ultra clear image

Sony 1/2″ Exview CCD allows LPR System provides ultra clear image (up to 600TVL), attainable for any LED-based capture system.
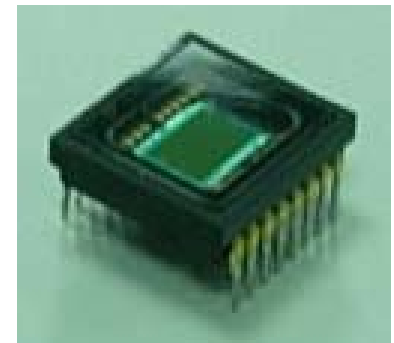
Front view

Recording resolution: D1

Rear view

1/2 inch SONY CCD

LPR System B/W camera ships in 1/2 inch SONY Exview B/W CCD.

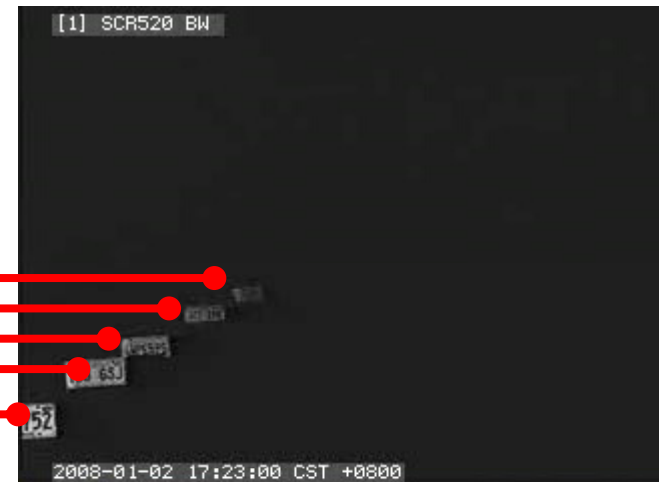It can provide higher sensitivity, especially with infrared light supported.

1/2 inch **SONY** CCD Close-up

70M,Long Life Time LED

LPR System equips 96 pcs LED. Far reach to 70M (230ft.)

Exceptional single control technology:
It can reduce power consumption and extend LED life time.

70M
Infrared illuminator

[1] SCR520 BW

70M
60M
50M
40M
30M

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LPR/ANPR Applications

The monochrome camera aims for
LPR (License Plate Recognition)/ANPR
(Automatic Number Plate Recognition)
Applications

- IR Distance: 20~70M
- For LPR recognition : 25~50M
- Best view for LPR:25M
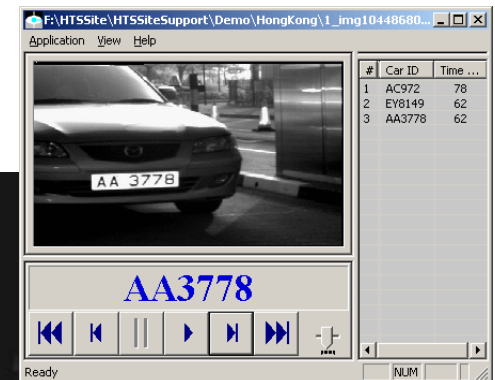
Exceptional Video Quality

- **Image Quality**

  DAY MODE: Up to 540 TVL / NIGHT MODE: Up to 600 TVL

- **Digital Noise Reduction**

  The camera features built-in digital noise reduction (DNR) technology to reduce image noise in low-light situations,

  lowering back-end costs.

DNR ON

DNR OFF

OSD with Remote Control

The color camera embedded with OSD function. Easily access remote control far reach to 1.2 km by RS485,with PELCO P/D protocol.
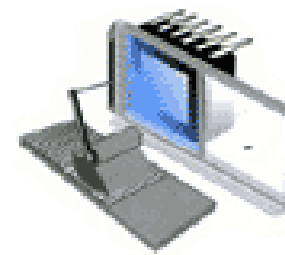
RS485

PELCO P/D protocols

ICR day/night functionality

- Low-light: To 0.016 lux (night)
- In adequate lighting: Color images (Accurate color unaffected by extraneous infrared light)
- In low-light situations: Black-and-white images enable the use of invisible infrared light sources, increase sensitivity, reduce color noise and lower back-end costs

ICR

Switch to Day Time Filter

Switch to Night Time Filter

Intelligent traffic modes

Simply activating intelligent Traffic-on function resolves all of the issues.
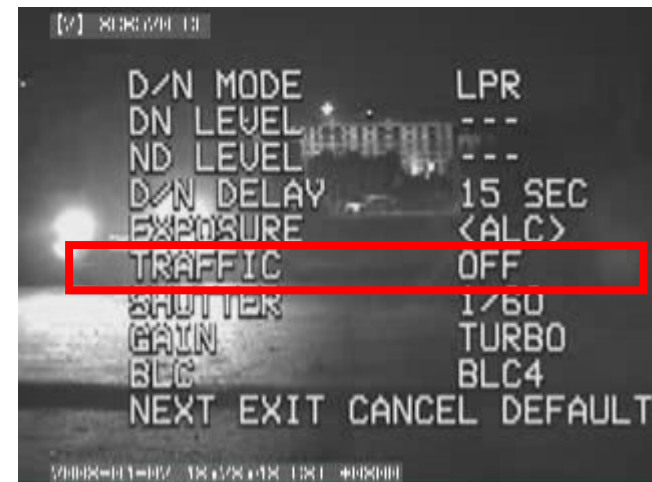
Four traffic modes

TRAFFIC 1

TRAFFIC 2

It's applied to the speed from 20 km/hr to 110 km/hr. Please set the camera facing the car front.

It's applied to higher auto speed environment, such as freeway. The speed is around 90 km/hr to 180 km/hr. Please set the camera facing the car front.

Four traffic modes

TRAFFIC 3

It's applied to the speed from 20 km/hr to 110 km/hr. Please set the camera facing the cart front with angle.

TRAFFIC 4

It's applied to parking area. The auto speed is around 0 km/hr to 20 km/hr. Please set the camera facing the car front.

Extreme environment applications

LPR System is housed in a weather-sealed unit compliant to IP67,proven for successful application in extreme environments.

*Heater and blower included.

Solid Housing

The housing is contraction of tough die-cast aluminum. The advantages of die-cast are vandal-proof and excellent adhesion.

Powder coating surface is good for salt-damage resistance.

Benchmark Comparison

**CCTV Camera Pros
LPR Camera System**

**Extreme CCTV
REG-D1**

Image Comparison

Color Camera - DAY MODE

540TVL

Exceptional color expression!

CCTV Camera Pros LPR System

480TVL

REG-D1

Specifications

	CCTV Camera Pros LPR System		REG-D1	
	Color	B/W	Color	B/W
CCD	1/3" SONY Exview CCD	1/2" SONY Exview CCD	1/3" CCD	1/2" CCD
Resolution	**540TVL**	600TVL	480TVL	600TVL
Min. Illumiation	**0.01 Lux@F1.2**	0 lux-works in total darkness	0.1 Lux@F1.2	0 lux-works in total darkness
Lens	Vari-focal 6-50mm F1.6 **IR-corrected**	75 mm	Vari-focal 5-50mm F1.6 with auto iris	75 mm
Infrared Illumination	850nm		850nm	
LEDs	96 pcs		102 pcs	
Power Requirement	Dual voltage DC12V/AC24V		Dual voltage DC12V/AC24V	
Power Consumption	**25W (MAX.)**		27W (MAX.)	
Weight	7 KG		6.2 KG	
IP67	**YES**		NO	

System in use

CCTV Camera Pros LPR System

REG-D1

Image Comparison

Monochrome Camera

**CCTV Camera Pros
LPR System**

REG-D1

Image Comparison

Color Camera - NIGHT MODE

600TVL

Selectable day/night modes.
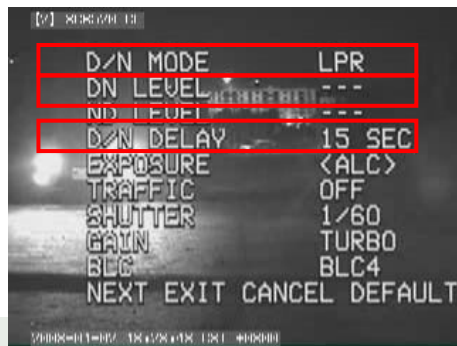
**CCTV Camera
Pros LPR
System**

480TVL

No night mode
No receive infrared light
always color mode!

REG-D1

Color Camera D/N Function Comparison

CCTV Camera Pros LPR System

	OSD	
✔	OSD	NO
✔	DAY/NIGHT MODE	NO
✔	DAY/NIGHT DELAY	NO
✔	DAY/NIGHT LEVEL	NO

REG-D1

Color Camera Function Comparison

GSS OSD
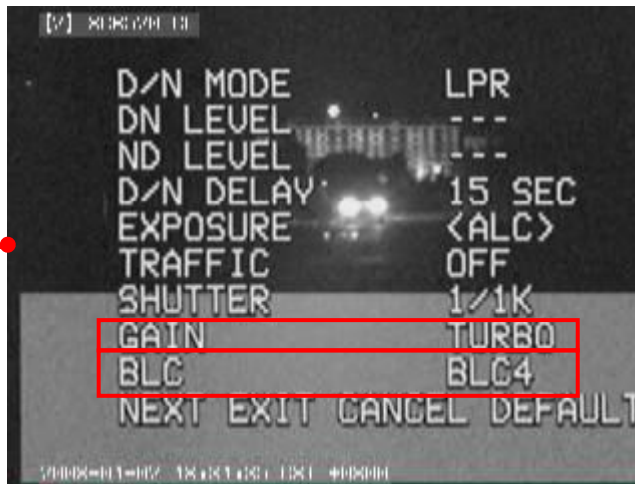
CCTV Camerqa Pros LPR System

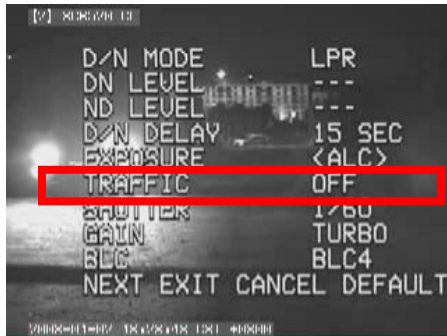|		
✔	**GAIN CONTROL**	**NO**
✔	**BLC (Back light compensation)**	**NO**

REG-D1

Traffic mode for license plate capture

CCTV Camera Pros
LPR System

REG-D1

Mechanical Comparison
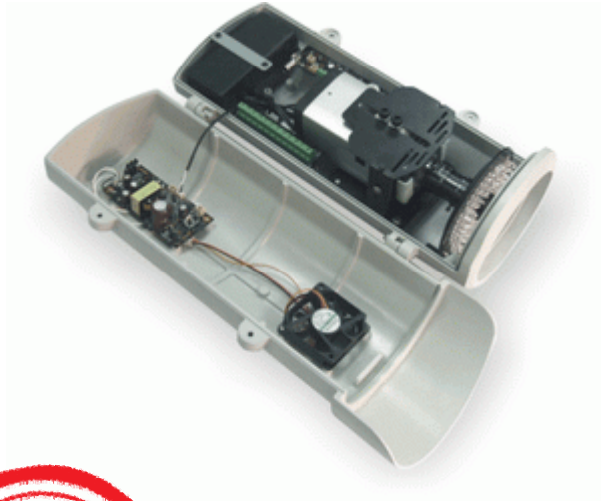

Die-cast aluminum

**CCTV Camera Pros
LPR System**

Extruded aluminum

REG-D1

Installation Comparison

Side open for easy installation

**CCTV Camera Pros
LPR System**

Hard to adjust the lens

REG-D1

Why CCTV Camera Pros LPR System is the best buy?

- Ultra clear license plate capture, up to 600TVL
- ½″ SONY CCD: higher sensitivity
- 96pcs LED 70M IR distance with high efficiency
- Ideal partner for LPR/ANPR applications
- Color camera resolution up 540TVL/600TVL
- Easy to access setting via OSD for two cameras
- Several function selectable for color camera
- Solid housing, rated to IP67, die-cast aluminum and salt-damage resistance
- Easy installation with side-open housing and cable management channel

www.cctvcamerapros.com