

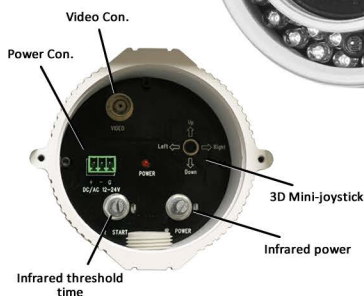


**Crisp & Clear License Plate Recognition**

700+ TV Lines

1/3" Sony EXVIEW color CCD

Sony Effio Video Processor



- 960H premium res. acquisition
- True day/night operation w/o IR
- High Light Compensation
- 2D/3D dynamic noise reduction
- Mechanical infrared filter
- Preset for professionals
- Intelligent backlight compensation
- Auto-tracking white balance
- Anti-vandal heavy duty construction
- Anti-color rolling technology
- Enhanced range
- Adaptive tone reproduction



This premium quality outdoor camera is packed with features. Foremost to users is true 700-TV line (or greater) color imaging with exceptional color reproduction and clarity.

This type of clear video is provided by using a 1/3" Sony EXVIEW color CCD video sensor. Signals from the video sensor go directly to the Effio video processor.

Sony "Effio" video is a forward compatible high resolution image processing technology that starts with a premium video sensor and includes 2D/3D dynamic noise reduction, adaptive tone reproduction, wide dynamic range color protection and other advanced features that create the sharpest true color image possible. We use a fully matched Sony chipset and support components for maximum image protection. Beware of imitations that use substitute parts!



<b>MODEL</b>	<b>ECL-644</b>	
<b>VIDEO SENSOR</b>	Sony 1/3" EXView IR Sensitive color CCD	
<b>LENS</b>	5-50mm varifocal lens with auto-iris	
<b>RESOLUTION</b>	700-TV lines or more (using Eclipse measurements). Premium quality 960H image acquisition video processing rated at 800-iTV lines or more (using CCTV industry measurements).	
<b>MIN. LUX</b>	0.0 LUX w/IR on. True day/night operation. Enhanced range low-light operation adjustable using OSD menu, superior to Starlight© w/o blurring and other handicaps	
<b>IMAGE PROTECTION</b>	Mechanical IR filter prevents focus shift. Anti-color rolling eliminates color bars and artifacts. Effio-based OSD menu options include high light compensation, adaptive tone reproduction, intelligent backlight compensation and more.	
<b>SHUTTER</b>	Electronic (1/50th to 1/100,000 sec.), adjustable using OSD menu options.	
<b>INFRARED ARRAY</b>	60 850nm IR LEDs w/120' or greater range. Automatic control. Autoswitching using options set in OSD menu.	
<b>ANTI-VANDAL</b>	Hardened all-metal construction prevents casual vandalism and tampering	
<b>POWER REQUIREMENT</b>	Dual voltage, 24VAC/12VDC with over-voltage protection (protects camera in case of voltage drift)	
<b>POWER CONSUMPTION</b>	3.6 watts	
<b>DIMENSIONS</b>	Camera body (length): 8.75" (22.23cm) Camera body (diameter): 3.25" (8.26cm) Light shield (length): 10.75" at longest point (27.31cm) Light shield (width): 4.13" (10.49cm)	
<b>WEATHERPROOF</b>	Outdoor rated IP66	

Camera shown with ECL-210W bracket, sold separately

**OSD MENU**

**SETUP MENU**

- LENS SHUTTER/AGC AUTO
- WHITE BAL AUTO
- BACKLIGHT ATW
- PICT ADJUST OFF
- ATR MOTION DET ON
- NEXT
- EXIT

SAVE ALL

**DAY/NIGHT**

BURST ON

DELAY CNT

DAY NIGHT

NIGHT DAY

RETURN

**PICT ADJUST**

MIRROR OFF

BRIGHTNESS

CONTRAST

SHARPNESS

HUE

GAIN

RETURN

**ATW**

SPEED

DELAY CONT

ATW FRAME x1.50

ENVIRONMENT OUTDOOR

RETURN

**PRIVACY**

AREA SEL 1/4

TOP

BOTTOM

LEFT

RIGHT

COLOR 2

TRANSP 1.00

MOSAIC OFF

RETURN

**AUTO SETUP**

HIGH LUMINANCE

MODE BRIGHTNESS SHUT

LOW LUMINANCE

MODE AGC

BRIGHTNESS X0.25

RETURN

**MANUAL SETUP**

MODE SHUT+AGC

SHUTTER 1/1000

AGC 12.0

RETURN