

The EL-3000 is an Auto Focus, day/night camera specially designed for the professional Day/Night surveillance. With the built-in 10X (f3.8~38mm) optical zoom lens and Digital 10X zoom function, the camera provides 100 times of zoom capability. The unit possesses a super bright sensitivity of 0.0007 Lux in color mode and an ICR built-in Day/Night mechanism. At daytime, the camera produces a 500TVL Color image and at nighttime, the image is converted into TRUE B/W mode (Color signal removed) resulting in greatly enhanced resolution of 570TVL. The camera incorporates an Intelligent CDS control technology that triggers the mechanical day/night filter accurately at the proper Lux level. The EL3000 also incorporates a SMART-ZOOM feature. This allows the user to allocate 2 optical zoom presets (1X-10X). These presets will be triggered upon motion settings. When the camera returns to idle, the first reset will be called. This feature is ideal for parking garages, community entrances and business complexes where both vehicle and facial recognition is needed. Also having RS485 these features including all configurations can be accessed via the DVR or PTZ controller.



Main Features:

- 10X Optical Zoom Auto-Focus Lens (3.8mm-38mm)
- SS (spread spectrum) series IR illuminators
- IR Distance 250-300 feet in zero light
- Mechanical Day/Night Shutter
- High Resolution 530 Day/570 Night TVL
- 24VAC/24VDC
- IP67 Weatherproof
- Cable Concealment thru Bracket
- Remote Control w/ Spot Monitor Output
- SMART-ZOOM Feature

Specifications:

- Image Sensor: 1/4" SONY Super HAD CCD
- Effective Pixels: NTSC : 768(H) X 494(V) PAL : 752(H) X 582(V)
- H.Resolution
- NTSC : 500 TV Lines (at Day) / 570 TV Lines (at Night)
- Video output: 1.0Vp-p Composite. 75 Ohms
- Min. Illumination: 0.0007 Lux at F1.8(Sens-up)
- Shutter Speed: NTSC : 1/60~1/100,000 sec PAL : 1/50~100,000 sec
- Gamma correction: Standard $\gamma=0.45$
- Smear Effect: 0.005%
- Power source: 24VAC/24VDC
- Operating current: Max. 140ma at 24VDC (IR OFF) / Max 450ma at 24VDC (IR ON)
- Lens: 10X Optical Zoom Auto-Focus Lens (3.8mm-38mm)
- IR Spectrum: 850nm- $\phi 10 \times 30^\circ \times 20\text{ea}$
- Viewable distance: 200-300 feet in Zero Light
- MTBF of IR: 30,000 hours
- Operating Temperature: 14°F ~ 122°F (-10°C ~ +50°C)
- Measurement (mm): 112(W) X 121(V) X 287(L)
- Weight (Approx.g): 900