



**ASHR-550**  
**ASHRL-550**



ASHR-550

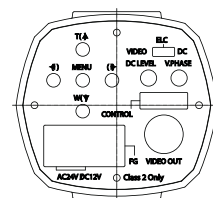
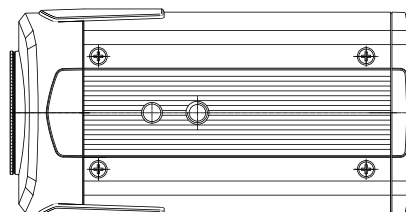
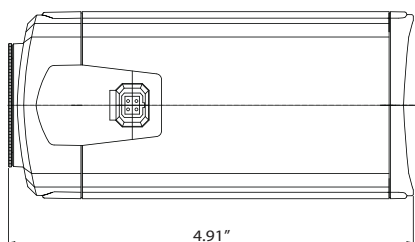
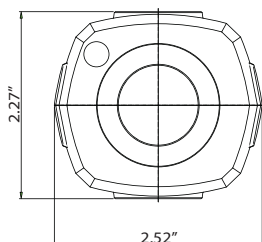
ASHRL-550

## **Super High Resolution Vari-focal Indoor Color Box Cameras**

ASHR-550 and ASHRL-550 are box type cameras featuring 550 TV Lines resolution provided by 1/3 inch SONY Super HAD CCD. These cameras improve surveillance system performance by employing the innovative DVR disk-space-saving Super Digital Noise Reduction (ASNR) technology. These Box cameras offer a choice of vari-focal and auto-iris lens, which is a great advantage, because they can be adjusted to choose a variety of focal distances and angles of view. With our Vari-focal lenses the focus can be varied from 3mm to 50mm. The higher millimeter specs. of the lens, the further distance is viewable. The ARGUS box color cameras are dual voltage (operated on DC12V/AC24V). They are designed to be an obvious choice for high-end video surveillance applications.

- 1/3" SONY Super HAD CCD
- High resolution 550 TV Lines
- Day&Night (ASHRL-550 only)
- 2x Digital Zoom (On/Off)
- Vari-focal and Auto-Iris Lens
- Super Digital Noise Reduction (ASNR) technology
- Digital Slow Shutter (On/Off)
- Auto White Balance
- AGC, BLC, Flickerless (On/Off)
- AC24V/DC12V Dual Voltage

### **Schematic**



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## Technical Specifications

<b>Models</b>	ASHR-550 ASHRL-550	<b>Digital Zoom</b>	2x On/Off
<b>System</b>	Scanning: 2:1 Interlace Sync: Internal	<b>SDNR</b>	Auto (Noise Reduction)
<b>Image Sensor</b>	1/3 inch Sony Super HAD CCD sensor	<b>Shutter Speed</b>	1/60 ~ 1/120,000 sec. (ASHR) x128-1/60~1/120.000 sec (ASHRL)
<b>Resolution</b>	550 TV lines 811(H) x 508(V) total pixels 510(H) x 492(V) total effective pixels	<b>S/N Ratio</b>	More than 50dB (AGC Off)
<b>Illumination</b>	<b>ASHR-550:</b> Day (0.3 Lux), Night (0.1 Lux), DSS (0.001 Lux) <b>ASHRL-550:</b> Day (0.3Lux), Night (0.003Lux, DSS On)	<b>Lens Options</b>	Vari-focal 3-8mm Vari-focal auto iris 3-8mm Vari-focal 2-10mm Vari-focal auto iris 2-12mm Vari-focal 5-50mm Vari-focal auto iris 5-50mm
<b>Day/Night (ICR)</b>	On/Off (ASHRL only)	<b>Video Output</b>	Composite 1.0V p-p, 75Ω, Unbalanced
<b>AGC/BLC</b>	Auto	<b>Dimensions</b>	2.52(W) x 2.27(H) x 4.91(D) in 63.9(W) x 57.6(H) x 124.6(D) mm
<b>Flickerless</b>	On/Off (DIP switch)	<b>Weight (NET)</b>	0.95 lb / 430g
<b>DSS</b>	Max 32 times	<b>Power supply</b>	12V DC (10V~15V) / 24V AC

These cameras create outstanding picture presenting S/N Ratio of more than 50dB. Auto White Balance (AWB) function improves picture quality and color reproduction in variable light settings. Day/Night functions in ASHRL-550 (DSS/ICR) allow excellent picture quality under low-light conditions. DSS (Digital Slow Shutter) function improves the CCD sensitivity by electrically lengthening exposure time. The ICR (Infrared Cutfilter Removal) function converts images from color to monochrome automatically in low light situation plus filter elimination at night. Minimum illumination requirements are as low as 0.3 lux for day color mode, 0.1Lux for black/white and 0.001Lx (DSS function ON) for low light mode.

(Specifications are subjected to change without notification)



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