

## Discover 550 Series 700 TVL Outdoor Bullet Camera



### Features That Make a Difference:

- 1/3" Sony 960H image sensor for true color reproduction
- 700 TVL Resolution
- 2.8-10mm or 9-22mm: F1.2 or F1.4 varifocal auto iris lens
- IR illuminators for operation in very low light scenes
- True Day/Night (TDN) mode
- Fully adjustable mount for easy positioning
- Service jack with second video output for camera setup
- Vandal-resistant aluminum housing
- On-screen display for easy setup
- IP66-rated enclosure for highest protection against particles and water
- 15 programmable privacy zones
- 12VDC/24VAC

The Discover 550 Series Bullet Camera provides powerful functionality with exceptional picture quality. With 700 TVL resolution and True Day/Night mode, the bullet camera delivers extremely accurate images and true color reproduction in a variety of lighting conditions. With its sleek design, the bullet camera can be easily concealed and go relatively unnoticed in a variety of locations.

Discover 550 Series Bullet Cameras leverage Sony 960H technology, providing a horizontal resolution of 700 TVL which captures natural, high-definition video for clear, crisp images. These cameras provide a full range of true color pictures with higher sensitivity in less than ideal lighting conditions compared to conventional CCTV cameras.

The Sony 960H technology also reduces image noise which helps prevent diminishing color, common when using analog cameras with CCD sensors in dimly lit environments.

IR illuminators help the bullet camera operate in scenes that are less than .5 lux, even in complete darkness. Conversely, the Discover 550 Series Bullet Camera functions well in highly illuminated areas by eliminating distracting glare.

An intuitive on-screen display provides preset menus to configure and adjust various camera settings making setup easy without using an external device. You can adjust for exposure, white balance, backlight compensation, Day/Night mode selection, privacy zones, etc.

With a high-impact, vandal-resistant aluminum housing, the bullet camera can withstand the harshest environments. Its IP66-rating enclosure prevents damage from dust and other debris, as well as water damage. User controls are easily accessed from the rear of the camera after removing the water tight cover.

## Specifications

### Operational

Imager ..... 1/3" Sony Super HAD II image sensor  
 Horizontal Resolution ..... 700 TVL  
 Active Pixel Count (H x V)  
   NTSC ..... 976 x 494  
   PAL ..... 976 x 582  
 Lens (Varifocal Auto Iris) ..... 2.8-10mm: F1.2  
   9-22: F1.4  
 Scanning Frequency ..... 60Hz (NTSC); 50Hz (PAL)  
 Min. Scene Illumination ..... Day mode: 0.3 lux  
   Night mode: 0.03 lux @F1.2  
 Iris Control ..... DC auto  
 S/N Ratio ..... >48 dB (100 IRE, F1.2)  
 Synchronization ..... Internal  
 Shutter Speed ..... 1/60-1/10000 (NTSC)  
   1/50-1/10000 (PAL)  
 IR Illuminators ..... 850nm/50m

### Controls

AGC ..... 44.8 dB  
 AES ..... 1/60-1/10000 (NTSC);  
   1/50-1/10000 (PAL)  
 BLC ..... Full range  
 White Balance ..... Auto, Manual, Push, Push Lock,  
   User 1, 2  
 Auto White Balance Range ..... 1800K-10500K (normal)  
 Day/Night ..... True Day Night (auto, color, b/w)  
 Brightness ..... 0-255  
 Sharpness ..... 0-255  
 Motion ..... 4 areas  
 Privacy Zones ..... 15 programmable  
 Noise Reduction ..... 2D DNR, 3D motion adaptive (0-255)

IR Optimizer ..... On/Off  
 IR Wavelength and Range ..... 850nm/50M  
 Mirror ..... Horizontal and vertical  
 On-screen Display ..... Camera name

### Connectors

Video Output ..... Composite  
 Power input ..... DIN

### Electrical

Voltage ..... DC 10.8V-13.3V, AC 19.2V-28.8V  
 Power Consumption ..... 2.2W; 7W (max.) when True Day/Night on

### Mechanical

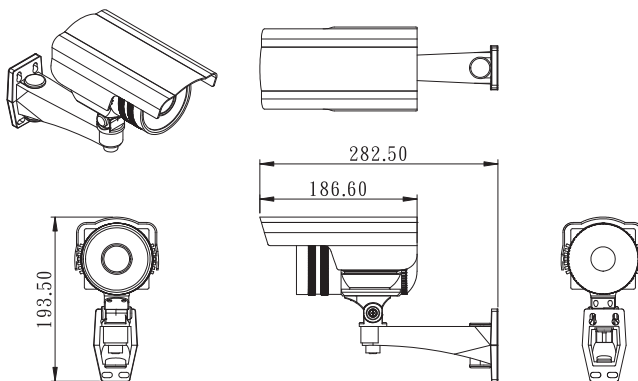
Dimensions (D x L) ..... 84.5 x 186.5 (33.3 x 7.34 in)  
 Weight ..... 1220g (2.69 lbs)  
 Housing Material ..... Aluminum  
 Housing Color ..... Silver (RAL 9022, Pantone® 877C)

### Environmental

Operational Temperature ..... -10°C to 50°C (14°F to 122°F)  
 Storage Temperature ..... -20°C to 60°C (-4°F to 140°F)  
 Relative Humidity ..... 90% (non-condensing)

### Regulatory

IP Rating ..... IP66  
 Emissions ..... FCC: Part 15, Class B  
   CE: EN61000, Class B  
 Immunity ..... CE: EN50130-4  
 Safety ..... NTSC: UL60950 and CSAC22.2 No. 60950  
   PAL: IEC60950



Outdoor Bullet Dimension

## Ordering Information

Brand	Camera	Series	Bullet	Color	Environment	Lens	Infrared	Format
AD	CA	55	B	W = Silver	O = Outdoor	3 = 9-22mm Varifocal 4 = 2.8-10mm Varifocal	R	N = NTSC P = PAL

## Related Products



ADTVR Series



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## Approvals

