



American Dynamics

A Tyco International Company



Discover 500 Series

700 TVL Outdoor Bullet Camera

Features That Make a Difference:

- 1/3" Sony® Effio CCD image sensor for true color reproduction
- 700 TVL Resolution
- 2.8-10mm or 9-22mm: F1.2 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
- Eight programmable privacy zones
- 12VDC/24VAC

The Discover 500 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 500 Series Bullet Cameras leverage Sony® Effio 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 Effio 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 500 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® Effio CCD 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: F1.2-2.4;
9-22: F1.4-1.6
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 >50 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, Anti CR
Auto White Balance Range 2700K-9700K (normal)
Day/Night True Day Night (auto, color, b/w)
Brightness 0-255
Sharpness 0-255
Motion 4 area
Privacy Zones Eight 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 3.4W; 9.3W (max.) when True Day/Night on

Mechanical

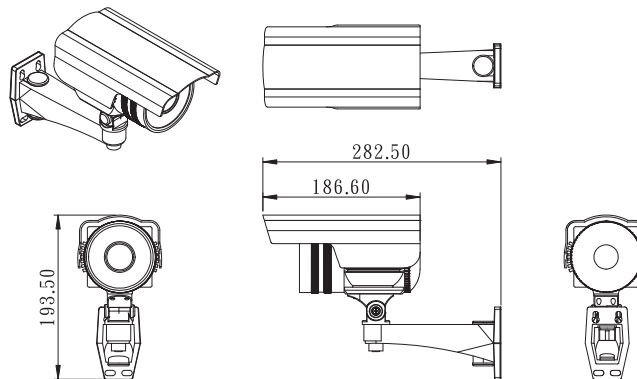
Dimensions (D x L) 84.5 x 186.5 (33.3 x 7.34 in)
Weight 1142g (2.52 lbs)
Housing Material Aluminum
Housing Color Silver (RAL 9022, Pantone® 877C)

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	5	B	W = Silver	O = Outdoor	3 = 9-22mm Varifocal 4 = 2.8-10mm Varifocal	R	N = NTSC P = PAL

Related Products



Approvals



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