

Discover 600 Series Cameras

Bullet



Features That Make a Difference:

- Super high resolution 520 TVL camera
- Day/Night switching for low light conditions
- IR corrected, 3X vari-focal lens
- Built-in infrared illumination
- IP66-rated housing for outdoor use
- Complete with lens and universal mount
- Provided with a wall/ceiling mount fitted

The Discover 600 Series Bullet cameras offer high performance and features, to provide excellent image quality under many lighting conditions. Both cameras in the series offer backlight compensation (BLC), automatic gain control (AGC), Auto Electronic Shutter (AES) and automatic white balance (AWB). These high performance models offer many advanced and easy-to-use features including Day/Night functionality, 3X zoom IR corrected lens, Infrared (IR) array and IP66 rated housing.

The Discover 600 Series bullet cameras are the ideal choice for applications requiring 540 TVL to provide super high resolution images and accurate color rendition.

For scenes with typical lighting conditions such as daylight or lit indoor applications, these cameras provide 520 TVL ultra high resolution images. When light levels drop, the camera automatically turns on the built-in IR illuminators and switches from color to black and white to capture images in very low light.

Cameras are available in NTSC or PAL formats and are provided in IP66-rated housings to meet a variety of installation requirements. These cameras are extremely reliable, easy-to-install, and ideally suited for areas where high performance in a variety of lighting conditions is required.

Specifications

Operational

Imager Interline transfer 1/3 inch CCD array
 Video Output 1.0 Vp-p/75 ohm, composite
 Horizontal Resolution 520 TVL
 Active Pixel Count NTSC 768 x 494 pixels
 Active Pixel Count PAL 752 x 582 pixels
 Lens 3-9 mm
 Min. Scene Illumination 0.0 lux (F/1.6 lens, AGC on, IR on)
 S/N Ratio 48 dB (AGC Off)
 Synchronization Internal
 IR Wavelength 850 nm
 IR Distance Up to 25 m (80 ft)
 Gain Control Auto¹
 White Balance Auto (2,500°K to 9,500°K)
 Electronic Shutter Auto (1/60 (1/50) ~ 1/100,000 sec.)
 Backlight Compensation On/Off
 Day/Night Auto

Connectors

Input Power In-line socket
 Composite Video BNC

Electrical

DC Voltage 12VDC ($\pm 10\%$)²
 Power 5.5 Watts maximum

Mechanical

Dimensions (Diameter x H) 57 mm x 68 mm (2.24 in x 2.67 in)
 Unit Weight 610 g (1.35 lb) including mount
 Construction Metal
 Ingress protection IP66
 Color Gray

Environmental

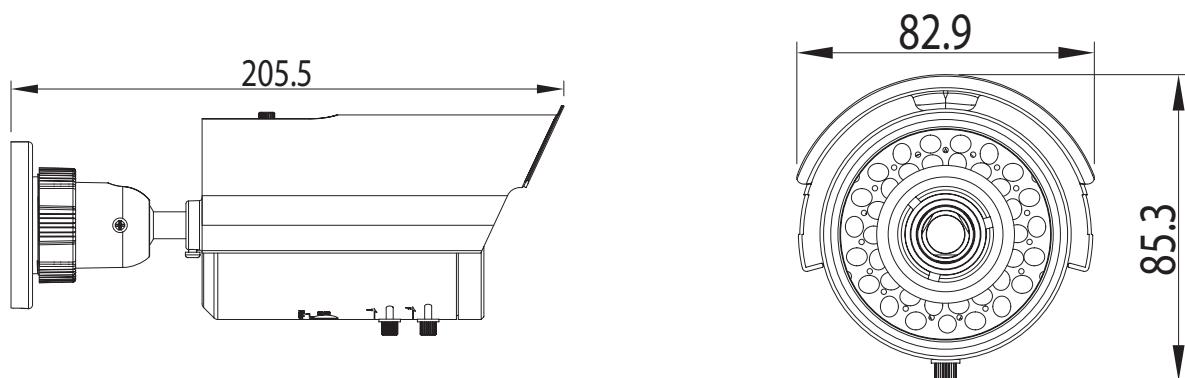
Operational Temperature -10°C to 50°C (14°F to 122°F)
 Storage Temperature -20°C to 60°C (-4°F to 140°F)
 Relative Humidity 90%
 Ingress Protection IP66 (noncondensing)

Regulatory

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

Ordering Information

Model Numbers	Description
ADCD600-B0001	bullet cam, 520TVL, 4.3mm, IR, 12VDC, NTSC
ADCD600-B0002	bullet cam, 520TVL, 4.3mm, IR, 12VDC, PAL
ADCD601-B0001	bullet cam, 520TVL, 3-9mm, IR, 12VDC, NTSC
ADCD601-B0002	bullet cam, 520TVL, 3-9mm, IR, 12VDC, PAL



Accessories:

Power Supply ADC1121A

- (1) SNR 44dB at this setting
 (2) Regulated power supply required

Related Products



victor



DVRs



HDVR



TVR Series

Approvals



www.americandynamics.net

The trademarks, logos, and service marks displayed on this document are registered in the United States [or other countries]. Any misuse of the trademarks is strictly prohibited and Tyco International Ltd. will aggressively enforce its intellectual property rights to the fullest extent of the law, including pursuit of criminal prosecution wherever necessary. All trademarks not owned by Tyco International Ltd. are the property of their respective owners, and are used with permission or allowed under applicable laws.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative.
 © 2011 Tyco International Ltd. and its respective companies. All rights reserved. AD0176-DS-201010-R01-A4-EN