



American Dynamics

A Tyco International Company

Discover 600 Series Cameras

Indoor/Outdoor Vandal Resistant
Mini-Dome



Features That Make a Difference:

- Super high resolution 540 TVL (NTSC) True Day/Night
- Removable IR Cut Filter
- Auto Iris, IR corrected
- 3X vari-focal lens
- Built-in IR illumination
- Unshielded Twisted Pair (UTP) option
- IP67-rated housing for outdoor use
- Provides recessed mounting or surface mounting options as standard

The Discover 600 Series, vandal resistant Mini-Dome offers high performance and features, to provide excellent image quality under many and diverse lighting conditions. All cameras offer backlight compensation (BLC), automatic gain control (AGC), auto iris and automatic white balance (AWB).

The Discover 600 Series Mini-Domes are the ideal choice for applications requiring 540 TVL to provide high resolution images and accurate color rendition. Features include a moving mechanical IR cut filter that provides True Day/Night functionality.

For scenes with typical lighting such as daylight or lit indoor applications, this camera provides 540 TVL high resolution image. When light levels drop, the camera

automatically switches 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 IP67-rated and vandal resistant housings to meet a variety of installation requirements.

These cameras are extremely reliable, easy-to-install, and designed for use in a wide variety of applications. Ideally suited for use in 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 PAL 520 TVL
 Horizontal Resolution NTSC 540 TVL
 Active Pixel Count NTSC 768 x 494 pixels
 Active Pixel Count PAL 752 x 582 pixels
 Lens 3.7 - 12mm
 Min. Scene Illumination 0.0 lux (f/1.4 lens, AGC on, IR on)
 S/N Ratio 48dB (AGC Off)
 Synchronization Internal
 IR Wavelength 850nm
 IR Distance Up to 25 m (80 ft)

Controls

Automatic Gain Control On/Off
 Flicker-less On/Off
 Backlight Compensation On/Off
 Iris Level adjust

Connectors

Input Power In-line socket
 Composite Video BNC

Electrical

AC Voltage 24VAC (±20%)
 DC Voltage 12VDC (±10%)¹
 Power 7 Watts maximum

Mechanical

Unit Weight 1150 g (2.5 lbs)
 Construction Metal
 Color White

Environmental

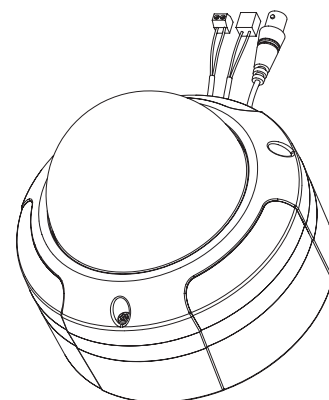
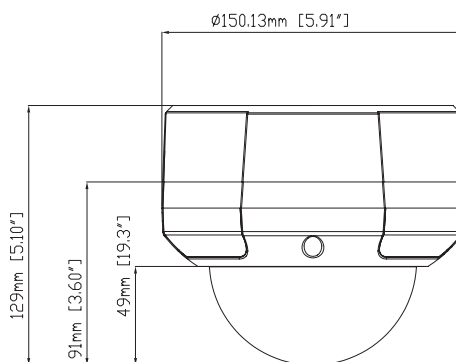
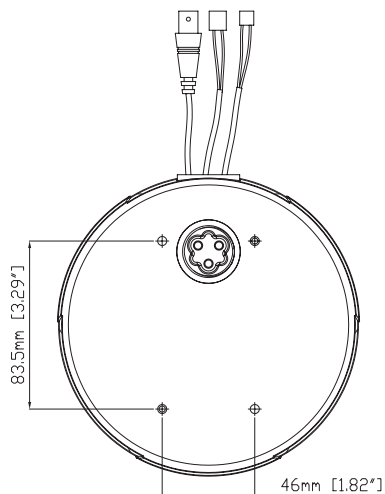
Operational Temperature -10°C to 50°C (14°F to 122°F)
 Storage Temperature -20°C to 60°C (-4°F to 140°F)
 Relative Humidity 90%
 Ingress Protection IP67 (noncondensing)

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-D0001	vandal resistant mini dome, 540TVL, 3.7-12mm, IR, 12/24V, clear, white, NTSC
ADCD600-D0002	vandal resistant mini dome, 520TVL, 3.7-12mm, IR, 12/24V, clear, white, PAL



Accessories:

Power Supply ADC1121A

(1) Regulated power supply required

Related Products



victor



DVRs



HDVR



TVR Series

Approvals



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