

Discover 500 Series 700 TVL Box Camera



Features:

- 1/3" Sony® Effio CCD image sensor for true colour reproduction
- 700 TVL resolution
- True Day/Night (TDN) mode
- Service jack with second video output for camera setup
- On-screen display for easy setup
- C-CS lens adapter included
- Eight programmable privacy zones
- 12VDC/24VAC or 230V (PAL)

The compact Discover 500 Series Box Camera provides exceptional high-resolution images and true colour reproduction in a variety of diverse lighting environments. Easy to use and simple to setup, this camera is engineered for optimal performance and reliability. With notable True Day/Night mode and 700 TVL resolution, the box camera delivers exceptionally accurate images during day and night, and in extremely challenging lighting conditions. With interchangeable lenses, this camera is ideal for almost any video surveillance application. Discover 500 Series Box Cameras leverage Sony® Effio technology which provides a horizontal resolution of 700 TVL capturing natural, high-definition video for clear, crisp images. These cameras provide a full range of true colour pictures with higher sensitivity in less than ideal lighting conditions compared to conventional CCTV cameras.

Using an intuitive on-screen display menu, you can configure and adjust various camera settings to adjust for challenging environments, making setup quick and easy. Settings include exposure, white balance, backlight compensation, Day/Night selection, privacy zones, etc.

With eight privacy zones, you can configure the camera to protect sensitive data or personal privacy by concealing areas prohibited from being monitored.

The Discover 500 Series Box Camera is ideal for indoor commercial environments and is commonly used with a weatherproof, vandal-resistant enclosure for outdoor applications such as a building's campus or a parking lot.

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DATASHEET

Specifications

Operational

Imager	1/3" Sony® Effio CCD camera sensor
Horizontal Resolution	700 TVL
Active Pixel Count (H x V)	
NTSC	976 x 494
PAL	976 x 582
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)

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, colour, b/w)
Brightness	0-255
Sharpness	0-255
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
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Electrical

Voltage	DC 10.8V-13.3V Regulated, AC 19.2V-28.8V
Power Consumption	5.2W (max.) with True Day/Night on

Mechanical

Dimensions (W x H x L)	68 x 59 x 124 mm
Weight (Without Lens)	200g
Housing Material	Aluminum
Housing Colour	White (RAL 9003, Pantone® 705)

Environmental

Operational Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	90% (non-condensing)

Regulatory

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

Ordering Information

ADCA5XP	Box camera, 1/3" 700TVL, True Day/night operation Min. Illumination day 0.3 lux, night 0.03 lux, 12vdc /24v ac
ADCA5XP230	Box camera, 1/3" 700TVL, True Day/night operation Min. Illumination day 0.3 lux, night 0.03 lux, 230v ac

For further information on how ADT can help you, contact your local office or phone free on **0800 010 999** or visit us at www.adt.co.uk

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