

SONY



SSC-CD77P

Superior sensitivity, vandal-resistant, day/night fixed mini-dome camera with SuperExwave technology

Indoor/outdoor and day/night operation



This advanced vandal-resistant analogue mini-dome camera delivers superior security and surveillance monitoring with features such as a 1/3-type CCD imager with SuperExwave technology, a high horizontal resolution of 540 TV lines, Backlight Compensation and Auto Tracing White Balance (ATW)/ATW Pro

Designed for both indoor and outdoor use, its clever design saves time and effort at installation, and gives you true location flexibility.

The camera Day/Night function and vandal-resistant features facilitate dependable 24/7 operation

Features

1/3-type CCD with SuperExwave technology

This camera has an advanced 1/3-type CCD imager with SuperExwave technology to achieve superb picture quality. This highly sensitive imager provides a minimum illumination of 0.6 lx in colour and 0.06 lx in monochrome at F1.3.

Sony-patented Ball-Joint Lens Mount mechanism

This mechanism is incorporated into the vari-focal lens, enabling the lens to be rotated freely in any direction. Unlike conventional cameras, a simple single action is all that's required to adjust the pan and tilt angle. It provides quick and easy adjustment of the camera's viewing angle during installation.

Day/Night function for 24/7 operation

This enables the camera to switch from day to night mode (colour/monochrome), replacing the infrared cut filter with a clear filter. It switches modes using an external sensor or automatically in response to light conditions. For zero lx operation, it can simultaneously switch to night mode and trigger near-IR illuminators.

High horizontal resolution

The high-quality CCD imager, combined with this camera's state-of-the-art DSP technology, produces a high horizontal resolution of 540 TV lines for amazingly clear and detailed images.

Flexible and easy installation

This camera is easily wall-mounted or ceiling mounted (a supplied mounting bracket is required). Camera focus and viewing angle can be easily and accurately adjusted using the secondary video output (the RCA phono jack, located at the rear of the camera along with a BNC video output).

Ruggedised, vandal-resistant design

This vandal-resistant camera is housed in a heavy-duty aluminium die cast enclosure with an impact-resistant polycarbonate dome. It complies with the IP66 ingress protection standard and has a special inner conduit for the camera cables. An optional YT-HU75 Heater Unit option is for cold weather outdoor applications.

Backlight Compensation (BLC)

Unwanted backlight can often cast a shadow in front of the subject of an image, making it appear dark to the camera. This function automatically compensates for such conditions, so the subject is more visible on the monitor.

Auto Tracing White Balance (ATW)/ATW Pro

ATW (2,000 K - 10,000 K colour temperature compensation) adjusts the white balance in changing light conditions. In natural light, incandescent lamps or fluorescent light sources, ATW Pro (2,500 K - 6,000 K compensation) reproduces colour images closer to what we see with our eyes.

Benefits

More effective day and night security and surveillance monitoring

This camera can boost your security and surveillance monitoring applications with clearer, more detailed images. This is achieved with a powerful combination of advanced features: a 1/3-type CCD imager with SuperEx-wave technology, a high horizontal resolution of 540 TV lines, Backlight Compensation and Auto Tracing White Balance (ATW)/ATW Pro.

Less time and effort at installation

Why spend time and trouble installing cameras when you can select this kind of simplicity? Thanks to a unique

Sony-patented mechanism, just a simple, single action is required to adjust the viewing angle during installation.

Round-the-clock peace of mind

Enjoy round-the-clock peace of mind with a camera that automatically adjusts to day and night light conditions, and continues to operate smoothly. Its rugged, vandal-resistant design guards against dust and water ingress.

Freedom to locate the camera where you want

You can make your location choices secure in the knowledge that this camera will fit right in. This camera is ideal for wide-angle to telephoto applications, and for wall-mounting or ceiling-mounting.

Technical Specifications

Image device	SuperExwaveTechnology
Number of effective pixels	440,000 pixels, 752 (H) x 582 (V)
Zoom ratio	Optical x3.6
Focal length	f=2.8 . 10mm
Horizontal view angle	100.8 - 27.7 degree
F Number	F1.3 (Wide end), F3.0 (Tele end)
Iris	Auto
Minimum illumination	Color : 0.6lx, B/W : 0.06lx (50IRE) Color : 0.35lx, B/W : 0.03lx (30IRE)
Minimum object distance	300mm
White balance	ATW (2000K - 10000K) / ATW Pro (2500K - 6500K)
Auto Gain Control	ON / OFF
Back Light Compensation	ON / OFF
Sync system	Line Lock / Internal
Video output	Composite video (1Vp-p)
Horizontal resolution	540 lines
S/N ratio	more than 50dB (AGC OFF)
Mass	approx. 1.75 kg
Dimensions	50C177.5 x 141.5
Power requirements	AC24V, DC12V
Power consumption	max. 4.0W (16.0W with heater option)
Operating temperature	-20C to +50C (- 40C to +50C with heater option)
Storage temperature	-40C to +60C
Operating humidity	20 to 80%
Storage humidit	3.620 to 95%

Supplied Accessories

Operating instructions
Day/Night cable
Torx wrench,
Template
Bracket
M4 shoulder screw
Wire rope
M4 screws (4)