



SSC-CD75P

Vandal-resistant mini-dome camera for indoor or outdoor use with a 1/3"-type Super HAD CCD that provides high sensitivity levels and picture quality.

- Super HAD CCD
- High horizontal resolution of 540 TV lines
- Powerful 3.6x zoom, vari-focal lens
- Wall- or Ceiling-mountable/Easy viewing-angle adjustment
- Ball-Joint lens mount technology
- Ruggedized design
- Backlight compensation (BLC)
- Automatic gain control (AGC)
- Auto tracing white balance (ATW)/ATW pro
- AC line Lock/Internal line lock
- Flexible power operation

Features

Super HAD CCD

The SSC-CD75P incorporates a 1/3-type Super HAD CCD that delivers high sensitivity levels and high picture quality for a number of monitoring applications. The minimum illumination of the camera is 0.9 lx at F1.3.

High Horizontal Resolution of 540 TV lines

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

Powerful 3.6x Zoom, Vari-focal Lens

The camera comes equipped with a 3.6x zoom, vari-focal lens that covers an extremely wide range of viewing angles from 100.8° (wide-angle)

to 27.2° (telephoto). This feature provides installation flexibility for a number of different applications and locations.

Wall- or Ceiling-mountable/Easy Viewing-angle Adjustment

The camera can be easily wall- or ceiling-mounted, for installation flexibility*. Also, in addition to the BNC video output on the rear of the camera, a secondary video output (RCA phono jack) is provided on the front of the camera. This allows installers to monitor images during installation for accurate and quick adjustment of the focus and viewing-angle.

Ball-Joint Lens Mount Technology

With the Sony patented Ball-Joint Lens Mount mechanism incorporated into the vari-focal lens of the camera, the lens can be rotated freely in any direction. Unlike conventional cameras, it takes only one action to adjust the pan and tilt angles, allowing for quick and easy adjustment of the camera's viewing angle during installation.

Benefits

Ruggedised Design

The vandal-resistant camera is housed in a heavy-duty, aluminum die-cast enclosure with an impact-resistant polycarbonate dome. The camera complies with the IP66* standard, and offers additional water resistance by using a special inner conduit for the camera cables. For cold-weather outdoor applications, the optional YT-HU75 Heater Unit is available. This allows the camera to be used in severe temperatures as low as -40 °C (-40 °F).

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. The BLC function incorporated in the camera automatically compensates for such conditions, making the subject more visible on the monitor.

Automatic Gain Control (AGC)

The camera is equipped with an advanced AGC function. This automatically boosts the camera gain up to 24 dB, allowing operators monitoring the image to distinguish the subject more easily in low light conditions.

Auto Tracing White Balance (ATW)/ATW Pro

ATW is a feature that automatically adjusts the camera's white balance to adapt to changing light

conditions. With ATW, the camera can compensate for a color temperature range of between 2,000 K and 10,000 K, allowing for operation under a variety of lighting conditions, including special light sources such as a sodium vapor lamp.

When operating under natural light, incandescent lamps, or fluorescent light sources, ATW Pro - which compensates for a color temperature range of between 2,500 K and 6,000 K - is ideal for reproducing color images closer to what we see with our eyes.

AC Line Lock/Internal Line Lock

The camera features both an AC line lock and an internal line lock for synchronization. The AC line lock is ideal in multi-camera operations, as it synchronizes all cameras connected to the same power line. This prevents the video from rolling vertically when switching between cameras. The vertical phase can be adjusted by ± 90 degrees.

Technical Specifications

General

Mass	approx. 440 g (15 lb)
Dimensions (W x H)	approx. 126 x 97 mm (5 x 3 7/8 inches)
Power requirements	AC24V/DC12V
Power consumption	4 W max. (16 W with heater option)
Operating temperature	-20 to 50 °C (-4 to 122 °F)
Storage temperature	-40 to 60 °C (-40 to 140 °F)

Camera

Image device	1/3-type CCD with Super HAD Technology
Number of effective pixels (H x V)	440,000 (752 x 582)
Gain control	ON/OFF
White balance mode	ATW/ATW Pro
Lens type	Auto iris vari-focal lens
Zoom ratio	3.6x optical zoom (1.5x digital zoom)
Horizontal viewing angle	100.8 to 27.7°
Focal length	f=2.8 to 10.0 mm
Backlight compensation	ON/OFF
Analog video output	BNC x1, 1.0 Vp-p, 75 Ohms, RCA x 1
Signal system	PAL (Composite)
Sync system	AC Line Lock/Internal Lock
Horizontal resolution	540 TV lines
S/N ratio	More than 50 dB (AGC ON/Weight ON)
Min. illumination	0.9 lx (50IRE, F1.3, AGC ON)