

# STC-3009

## Day/Night Camera

- 1/3" Sony SuperHAD II CCD
- High 540 TVL resolution due to DSP HQ1
- Minimum scene illumination:  
0.08/0.04 Lux (Color/BW)
- IR cut filter
- Digital noise reduction
- Back light compensation
- Input voltage: 220 VAC or 12 VDC/24 VAC



### DSP HQ1 – High Resolution

Due to use of DSP HQ1 digital signal processing, the camera provides extremely high image detail, as well as superior color rendering, with 540 TVL of horizontal resolution.

### Day-and-Night Surveillance

When light level is reduced (to 2 Lux), IR cut filter is automatically removed, and the camera switches to B/W mode, which allows to increase camera sensitivity in low light environment. When light level rises again (to 8 Lux), the camera switches back to color mode.

Automatically activated digital noise reduction (DNR) effectively eliminates image noise in low light conditions and, consequently allows to save disk space when video is recorded.

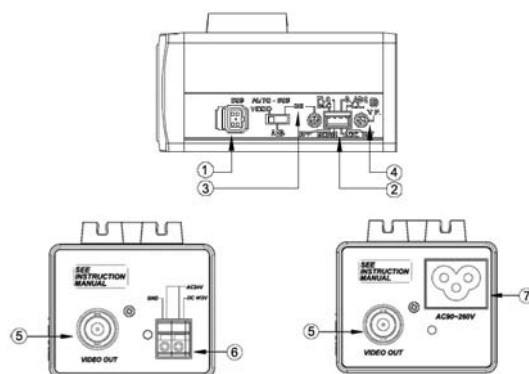
### Setup

The STC-3009 has DIP switches that can be used to select the required camera settings: automatic gain control, Line Lock synchronization with vertical phase adjustment, back light compensation, flickerless, auto Day/Night, as well as electronic shutter ON/OFF.

The camera supports DC/Video auto iris lenses.

### Small size

Due to its compact casing (60mm x 49mm x 99mm), the STC-3009 will easily fit into any weather-proof housing, if outdoor installation is required.



1. Auto iris lens connector.
2. Switch  
SW1. BLC: Backlight compensation switch  
SW2. FLC: Flickerless switch  
SW3. AGC: Automatic Gain Control switch  
SW4. SYNC MODE: SYNC Mode selection switch.
3. Auto Iris mode selection switch: DC/VIDEO.
4. V.P (Vertical Phase adjustment).
5. Video Output: BNC connector for video monitor (75 Ω).
6. Power Input: 24VAC or 12VDC.
7. Power Input: 90~260 V.

## Specifications

Model:	STC-3009/3	STC-3009/0
Camera Type:	Day/Night	
Image Sensor:	1/3" SONY Super HAD CCD II	
DSP:	SONY HQ1	
Effective Pixels:	795(H) x 596(V)	
Resolution:	Min. 540 TVL	
IR Cut Filter:	Automatic	
Minimum Scene Illumination:	Color: 0.08 Lux (F1.0) B/W: 0.04 Lux (F1.0)	
Infra Red Sensitivity:	700-1100 nm	
S/N Ratio:	>50 dB (AGC OFF)	
Gamma Correction:	0.45	
Electronic Shutter:	AES ON: 1/50 s - 1/100000 s; AES OFF: 1/50 s	
AGC:	Up to 26 dB	
White Balance:	AUTO	
Digital Noise Reduction:	AUTO	
Backlight Compensation:	Yes	
Flickerless:	Yes	
Auto Iris Control:	DC/Video drive	
Lens Mount:	CS	
Video Output:	Composite PAL video signal, 1.0Vp-p / 75 Ohms	
Synchronization:	Internal/Line Lock	
Input Voltage:	12 VDC/24 VAC	90~260 VAC
Power Consumption:	3.5 W	4.5 W
Operating Temperature:	-10° to +50°C, 80%	
Weight:	250 g	300 g
Dimensions:	60mm x 49mm x 99mm	

## Accessories

STB-C01	Wall/ceiling camera bracket; aluminium; 175 mm
STB-C02	Wall/ceiling bracket; aluminium; feed-through; 170 mm