

STC-3900

Day/Night Speed Dome Camera

- 1/4" Sony SuperHAD CCD
- Removable IR Cut Filter
- AutoFlip mode - 180° tilt for object tracking
- Variable pan/tilt speed from 0.2°/sec to 380°/sec
- Built-in 22x zoom lens
- AutoPan mode
- 8 Scan modes
- Up to 240 Presets
- 8 Preset Tours
- 4 Patterns up to 240 sec
- 8 Privacy Zones
- RS-485/232 control interface
- 16 Sectors
- 8 Alarm Inputs, 4 Relay Outputs
- Wide Dynamic Range (WDR)
- Frame Integration mode
- Built-in lightning protection circuitry
- Fastrax and Pelco D/P protocols supported



The STC-3900 is ideal solution for video surveillance systems, requiring efficient object tracking. Use of thermo-insulated enclosure allows wider operating temperature range of up to -45° - +50°C.

Camera setup

The STC-3900 is equipped with 22x zoom lens. It provides 360° pan (continuous pan rotation) and 180° tilt (AutoFlip mode). You can configure up to 240 presets, set up to 4 patterns (total 240 sec) and up to 8 preset tours, and create up to 8 privacy zones. Camera pan speed between presets can reach 380°/sec.

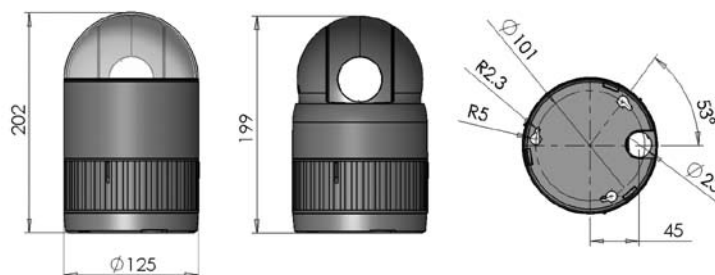
Operation in low light

The camera is equipped with removable IR-cut filter, providing color video image in daytime and b/w at night. In low light environment, the camera can activate Frame Integration mode. In this mode, exposure time is increased according to the user defined ratio. Electronic shutter speed is automatically adjusted, depending on the quantity of light reaching the image sensor.

Built-in lightning protection circuitry

To avoid camera failure as a result of lightning strike, the STC-3900 is equipped with the built-in lightning protection circuitry, both on power and video lines.

Dimensions



Unit: mm

Specifications

Model:	STC-3900/2
Camera Type:	Day/Night
Image Sensor:	1/4" Sony SuperHAD CCD
Picture Elements:	752 (H) x 582 (V)
Horizontal Resolution:	480 TVL
Lens:	f=3.9 – 85.8 mm, viewing angle from 49.5° to 2.4°
Removable IR Cut Filter:	Yes
WDR:	On/Off
Zoom:	22x optical; 11x digital
Minimum Scene Illumination:	1.0 Lux/F1.6 (normal shutter speed) 0.02 Lux/F1.6 (Lowshutter on) 0.002 Lux/F1.6(Lowshutter on with IR Cut Filter removed)
Signal to Noise Ratio:	>52 dB (AGC OFF)
Pan:	360° (continuous rotation)
Tilt:	180° (with AutoFlip)
Pan/Tilt Speed:	0.1-90°/sec; maximum: 360°/ sec (Turbo mode); Preset: up to 380°/sec
Pan/Tilt Accuracy:	0.2°
Preset Call Time:	0.75 sec
PTZ Control:	RS-485/422, 2400–230k b/s (default: 9600 bps)
Alarm Inputs/Outputs:	8 IN / 4 OUT (NO/NC)
Power Input:	24 VAC/VDC, 1A
Power Consumption:	Max. 20 W
Operating Temperature:	0° to 50°C, < 96%, noncondensing; in STB-C302-SH housing: -45° - +50°C
Weight:	1.2 kg

Accessories

STT-2405U	System keyboard; joystick, Jog-Shuttle, macro keys, built-in LCD Display (16x2); RS-485 (FAS-TRAX-II, Pelco), control of up to 254 cameras, control of up to 99 DVRs (STR-1681/0882/1682/1690); 1 Master/3 Slave configuration allowed; 220 VAC/12 VDC power adapter supplied.
STT-CN3R1	System keyboard (full-featured, including Variable Speed Control); joystick, built-in LCD Display (Symbol); RS-485 (PELCO-D/P), control of up to 255 cameras, DVR control (STR-0484/0884/1684/0488/0888/1688); 12 VDC power supply.
STT-3X	System Keyboard (VARIABLE SPEED); Joystick (3-axis), built-in LCD display (16x4 symbols); RS-485 (PELCO-D/P and others), control up to 256 cameras, DVR control (STR-1693/3293); built-in clock, bundled 12VDC power supply
STB-C302	Dome camera enclosure; indoor installation, pendant mounting (wall mount bracket supplied), transparent dome cover.
STB-C302-SH	Dome camera enclosure; outdoor installation, pendant mounting (wall mount bracket supplied), transparent dome cover.
STB-C150	Corner mounting adapter for STB-C302/STB-C302-SH.
STB-C151	Pole mounting adapter for STB-C302/STB-C302-SH.
STB-C251	Flushmount kit for STC-3900.