

STC-IP3301A

Software Day/Night IP PTZ Camera

- **QCIF up to Full D1 resolution**
- **Up to 25 FPS frame rate**
- **Built-in 10x optical zoom**
- **MPEG4-SP, MJPEG compression**
- **354° Pan, -25° to 90° Tilt**
- **32 Presets, 10 Tours**
- **Backlight Compensation, Frame Integration, ATW/AWB/FIX**
- **Built-in hardware motion detection (3 detection areas)**
- **Two-way audio transmission**
- **Bundled NVR software**



The STC-IP3301A is designed for indoor installation, and due to its software-controlled day/night feature can be used for day and night surveillance in variable lighting conditions. The STC-IP3301A provides MPEG-4 or M-JPEG video streaming at up to 720x576 resolution and 25 FPS frame rate. The camera's Sense Up frame integration feature allows to increase sensitivity for viewing static objects in extremely low-light environment (up to 0.009 Lux in B/W mode).

The STC-IP3301A supports multiple functions allowing to use the camera in a wide range of lighting conditions, including AGC, backlight compensation, auto white balance control (ATW and AWB), auto/fix electronic shutter, etc. With the built-in 10x optical zoom complemented by 10x digital zoom, you can get detailed picture of the objects at large distances.

PTZ features

The camera's pan/tilt system provides 0° to 354° pan and -25° to 90° tilt. The STC-IP3301A's capability to tilt camera 25° above the horizon level, allows to increase the vertical viewing angle, which is especially important when zooming-in with camera installed on low ceiling. You can control the STC-IP3301A PTZ features using software, or save up to 32 presets and 10 tours activated manually or automatically by event.

Multistreaming

The STC-IP3301A can generate four simultaneous video streams using different frame rate and common resolution, thus allowing to use individual frame rate for live viewing, streaming video over the network to remote user, scheduled and event recording to hard disk, and optimize bandwidth use.

Remote control software

Each Smartec IP camera or IP video server is supplied with multi-language NVR software. The software offers a full range of features required for effective video surveillance and supports up to 32 Smartec IP devices, with expansion to up to 64 by acquiring additional licenses.

To implement video surveillance at large and geographically distributed facilities, using Smartec or third party analog and IP cameras, we recommend using NetStation software. The software offers multiple features for viewing and recording video, allows to use eMap graphic plans, and can perform smart motion search in archived video.

Specifications

Model:	STC- IP3301A/1
Image Sensor:	1/4" CCD
Effective Pixels:	795(H) x 596(V)
Horizontal Resolution:	480 TVL
Digital Video Format:	Full D1, VGA, CIF, QCIF
Minimum Scene Illumination:	Color: 2.5 Lux (F1.8, 50 IRE) B/W: 0.07 Lux (F1.8, 50 IRE) Sense Up: 0.009 Lux (F1.8, 50 IRE)
Lens:	4.2mm –42 mm
Aperture:	F1.8 (Wide) – F2.9 (Tele)
Viewing Angle:	56.4°-6.1° diagonally
Zoom:	10x optical 10x digital
Pan/tilt angle:	Pan: 360° Tilt: -25°-90°
Pan/tilt speed:	Manual: 1°-90°/sec
Synchronization:	Internal
Audio Input/Output:	Line input: 1.4 Vp-p, 3.5 mm jack / Line output: 1.4 Vp-p, 3.5 mm jack
Electronic Shutter Speed:	1/50–1/120000 sec
Fixed Shutter:	8 levels
Backlight Compensation:	Super BLC, 48 zones
AGC:	AUTO (max, 18 dB)
White Balance:	ATW/AWB/FIX
Flickerless:	ON/OFF
Auto Iris Control:	AUTO/MANUAL
S/N Ratio:	>44 dB
Compression:	MPEG4-SP, MJPEG
Video Resolution:	720x576, 640x480, 352x288, 176x144
Video Frame rate:	Up to 25 FPS at 720x576
Motion Detection:	Hardware, up to 3 detection areas
PTZ Functions:	32 Presets, 10 Tours
Network Connection:	Ethernet 10/100Base-T, RJ45
Protocol:	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP, FTP, SMTP, DNS, DDNS, NTP, ICMP, IGMP, ARP, 3GPP
Security:	Password protection; settings changed only by the Administrator
Alarm Input/Output:	1 IN, 1 OUT
Web Browser:	Internet Explorer 6.0 or higher
Operating Temperature:	0°- +45°C
Input Voltage:	12 VDC or PoE (IEEE802.3af) Class 3
Power Consumption:	4.8 W (12 VDC), 5.8 W (PoE)
Dimensions:	132mm (L) x 132 mm (W) x 132 mm (H)
Weight:	570 g

Accessories

NVR Software	Network recording software; 32 video/audio channels. Expansion to 64 channels per server. Client-Server architecture. Multi-language. Supplied with Smartec IP cameras and IP videosevers.
NetStation	Network recording software; 16 channels; for Smartec, Axis, Arecont Vision, JVC, and other IP hardware manufacturers; expansion to 64 channels per server. Multiserver and hybrid configuration support. Interactive graphic maps. Client software for PCs, pocket PCs, smart phones. Multi-language.
STB-C22100	Flush-mount adaptor for STC-IP3301A