

STC-IP3070/3070A

Day/Night IP Cameras

- 1/3" Sony ExViewHAD CCD
- Mechanical IR cut filter
- MPEG4-ASP compression
- CIF up to Full D1 resolution at 25 FPS frame rate
- Backlight Compensation, Auto/Fixed White Balance, Auto Iris Control
- LAN and WAN ports
- Built-in hardware motion detection (up to 3 detection areas)
- Composite video output
- PoE (Power Over Ethernet) supported
- STC-IP3070A: built-in microphone
- QoS supported
- Bundled NVR software



*Lens is not supplied with the camera

Due to use of the original processor and MPEG4-ASP compression, as well as network-based bandwidth control, the STC-IP3070/3070A IP cameras provide real-time video streaming at the frame rate of up to 25 FPS at 720x576 resolution with network bandwidth of about 1 Mbps. The built-in hardware motion detection, and alarm input and output allow to customize the STC-IP3070/3070A's response to alarm events. The STC-IP3070A features a built-in microphone and supports audio transmission over the network.

Day-and-night surveillance

The STC-IP3070 and STC-IP3070A are day/night IP cameras. Each of them is equipped with mechanical IR cut filter, which is automatically removed when light level decreases to 4 Lux, and the camera switches to black/white mode. This allows using the IP cameras day and night.

Effective bandwidth control

The STC-IP3070/3070A provides video streaming at the bit rate from 28 Kbps to 3 Mbps, depending on image quality settings. At the same time, the IP camera can automatically adjust video stream according to network bandwidth based on the specified priority (picture quality, frame rate, traffic). Smartec IP cameras support QoS (Quality of Service) feature, which provides bandwidth reservation for streaming video from the IP camera.

LAN and WAN connections

The STC-IP3070/3070A IP cameras are equipped with two Ethernet 10/100Base-T ports, which allow connection to two networks: LAN and WAN. Via LAN channels, the IP camera can transmit video to the operator's PC within the same network segment, while real-time video transmission via WAN can be used for remote video viewing. WAN port supports PPPoE, which enables the IP camera to be connected directly to ADSL modem.

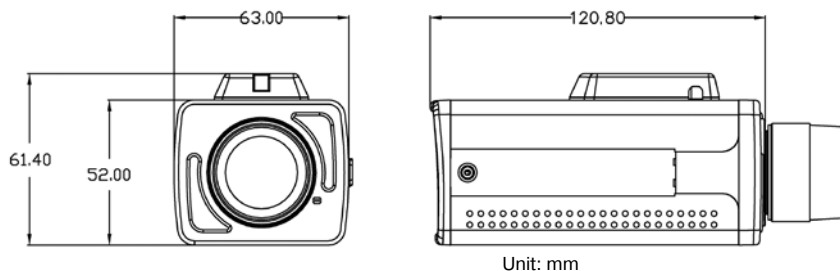
Remote control software

Each Smartec IP camera or IP video server is supplied with free 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.

All IP camera settings become available after authorization when connected directly via Internet Explorer.

Dimensions



Specifications

Model:	STC- IP3070	STC- IP3070A
Image Sensor:	1/3" Sony ExViewHAD CCD	
Effective Pixels:	795(H) x 596(V)	
Horizontal Resolution:	480 TVL	
Minimum Scene Illumination:	Color: 0.15 Lux (F1.2, 30 IRE, SuperAGC) B/W: 0.05 Lux (F1.2, 30 IRE, SuperAGC) IR: 700–1100 nm	
Lens Mount:	C/CS	
Synchronization:	Internal	
Video Output	CVBS, 1 Vp-p, 75 ohms, BNC	
Electronic Shutter:	1/50–1/100000 sec	
Backlight Compensation:	ON/OFF	
AGC:	ON/OFF	
White Balance:	AWB/PWB	
Flickerless:	ON/OFF	
Automatic Iris Control:	DC/Video drive	
S/N Ratio:	>50 dB	
Compression:	MPEG4-ASP	
Video Resolution:	720x576, 352x288, 176x144	
Video Frame rate:	Up to 25 FPS at 720x576	
Motion Detection:	Hardware, up to 3 detection areas	
Audio:	None	8 KHz, mono, PCM
Bit Rate:	28 Kbps - 3 Mbps	
Network Connection:	LAN: Ethernet 10/100Base-T; WAN: Ethernet 10/100Base-T	
Protocol:	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP; QoS supported	
Security:	Password protection; settings changed only by the Administrator	
Alarm Input/Output	TTL, 2 IN, 2 OUT	
Web Browser:	Internet Explorer 6.0 or higher	
Operating Temperature:	+5°... +50°C	
Input Voltage:	12 VDC +/- 10%, 220 VAC/12 VDC adapter supplied	
Power Consumption:	7 W	
Dimensions:	120 mm (L) x 63 mm (W) x 52 mm (H)	
Weight:	450 g	

Accessories

STB-C01	Wall/ceiling camera bracket; aluminium; 175 mm
STB-C02	Wall/ceiling mount bracket; aluminium; cable feedthrough; 170 mm
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.