

## STS-IPT880

### 8-Channel IP Video Servers

- 8 video and 8 audio channels
- MPEG4-ASP compression
- CIF up to Full D1 resolution at 25 FPS frame rate
- Built-in hardware motion detection (up to 3 detection areas per channel)
- PTZ control per channel: RS-232/422/485
- Two-way audio transmission per channel
- QoS supported
- Bundled NVR software
- 1U rackmount



Due to use of the original processor and MPEG4-ASP compression, as well as network-based bandwidth control, the STS-IPT880 IP video server provides real-time video streaming of 8 channels at the frame rate of up to 25 FPS at 720x576 resolution per channel with network bandwidth of about 8 Mbps. The Built-in hardware motion detection, and two alarm inputs and outputs (per channel) allow to customize the STS-IPT880's response to alarm events. The STS-IPT880 supports two-way audio transmission for each of 8 channels.

#### Effective bandwidth control

The STS-IPT880 provides video streaming at the bit rate from 28 Kbps to 24 Mbps, depending on image quality settings. At the same time, the IP video server can automatically adjust video stream according to network bandwidth based on the specified priority (picture quality, frame rate, traffic). Smartec IP video servers support QoS (Quality of Service) feature, which provides bandwidth reservation for streaming video from the IP video server.

#### PTZ Control

The STS-IPT880 IP video servers are equipped with RS-232/422/485 ports (one port per channel), and support most of the popular PTZ protocols: Pelco-D, Pelco-P, Lilin, Dynacolor, TOA, Samsung, Kampro, EyeView, VideoTrec, etc. The protocols are software-selectable (NVR).

#### Remote control software

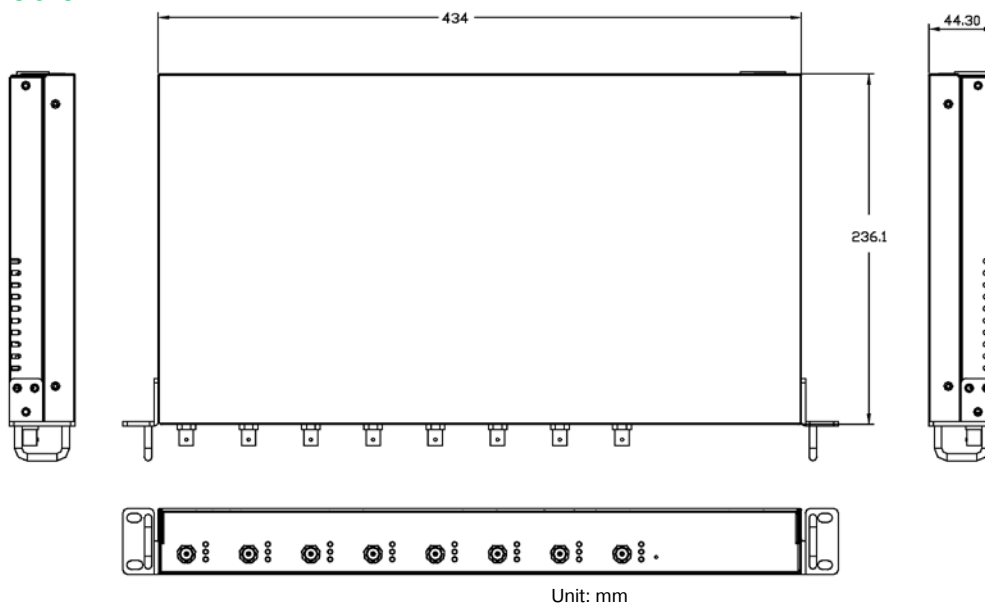
Each Smartec IP camera or IP video server is supplied with free multi-language NVR software. The software offers a full range of features required for effective video surveillance and supports up to 32 Smartec IP devices, with expansion to up to 64 by acquiring additional licenses.

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 video server settings become available after authorization when connected directly via Internet Explorer.

# IP VIDEO SERVERS/DECODERS

## Dimensions



## Specifications

<b>Model:</b>	<b>STS-IPT880</b>
<b>Channels:</b>	8 video/8 audio
<b>Compression:</b>	MPEG4-ASP
<b>Video Resolution:</b>	720x576, 352x288, 176x144
<b>Frame rate:</b>	Up to 25 FPS per channel at 720x576
<b>Video Input :</b>	8CVBS, 1 Vp-p, 75 ohms, BNC
<b>Bit Rate:</b>	28 Kbps - 3 Mbps per channel
<b>Network Connection:</b>	Ethernet 10/100Base-T
<b>Protocol:</b>	TCP, UDP, IP, HTTP, DHCP, PPPoE, RTP, RTSP; QoS supported
<b>Security:</b>	Password protection; settings changed only by the Administrator
<b>Serial Port (per channel):</b>	RS-485 – full duplex, terminal block RS-422 – full duplex, terminal block RS-232 – full duplex, terminal block
<b>Audio:</b>	8 KHz, mono, PCM
<b>Audio Input/Output:</b>	8 IN: unbalanced, line input, 1.4 Vp-p, 3.5 mm Phone Jack 8 OUT: unbalanced, line output, 1.4 Vp-p, 3.5 mm Phone Jack
<b>Alarm Input/Output:</b>	TTL, 2 IN, 2 OUT, terminal block
<b>Web Browser:</b>	Internet Explorer 6.0 or higher
<b>Operating Temperature:</b>	+5°... +50°C
<b>Input Voltage:</b>	100-240 VAC
<b>Power Consumption:</b>	300 W
<b>Dimensions:</b>	434 mm (L) x 236 mm (W) x 44.3 mm (H)
<b>Weight:</b>	4.2 kg

## Accessories

<b>NVR Software</b>	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.
<b>NetStation</b>	16-channel IP video recording/monitoring software for Smartec, Axis, Arecont Vision, JVC and other IP devices; expandable to 64 video/audio channels per server. Multiserver and hybrid configurations supported. Interactive graphic maps. Client software for PC, Palm PC, smart phone. Multilingual.