



## Features

- Easy upgrading from existing CCTV systems to remote video verification
- High performance DSP with H.264 Video compression scheme
- Build in HDD for quick event recording retrieval by operator (SP-PC-4-E\_HD)
- Web interface for easy setup
- External trigger inputs and relay output
- Video Motion Detection on each channel
- Supports commonly used PTZ control protocols
- Built-in dynamic IP support for remote observation
- Dual stream server, main stream for recording and remote streaming, sub stream for low bandwidth streaming

## Description

Spectator SP-PC-E series is the solution for connecting your existing CCTV system to a Spectator Service Centre (SSC). It separates the local CCTV LAN network from the internet and guarantees a high quality of audio & video streaming over small bandwidth to the SSC. Due to this unique and patented concept the local SSC operator is able to guarantee a high Quality of Service offered to clients having an existing CCTV system.

## Specification

Type	SP-PC-4-E_HD
Video compression	H.264
Compression resolution	PAL:176*144(QCIF), PAL:352*288(CIF), PAL:704*576(4CIF max 12fps)
Video input	4 channels BNC (1.0Vp-p, 75Ω)
Monitor video output	2 Video BNC outputs (1.0Vp-p, 75Ω), 1 Main monitor & 1 Spot monitor
VGA output	1 (1024 * 768)
Frame rate (PAL / NTSC)	100 ips / 120 ips
Stream type	Video only or Audio & Video
Bit rate	32kbps...2Mbps in steps (Self definition up to 3072 kbps)
Audio input	4 channel RCA (2.0Vp-p, 1KΩ) + 1 common Line input RCA
Audio output	1 channel RCA output (line output, 600Ω)
Audio compression	64 kbps G.711
Communication interface	1 RJ-45 10M/100M UTP network port, 4-pin screw terminal RS-485 port, DB-9 RS-232 port
HDD interface	1 SATA interface, max 2000GB.
USB interface	1 (front) + 1 (backside) USB 2.0, support USB flash disk, USB HDD, USB CD-R/W
External trigger inputs	4
Relay outputs	1
Power supply	12VDC, external power supply
Power consumption	< 10W
Operating temperature	-10 °C - +55 °C
Operating humidity	10% - 90%
Dimensions	315mm x 230mm x 45mm
Weight	< 2 kg (incl. 1 HDD)

### Delivery Package

- PC-4-E\_HD
- Build in Harddisk min. size 250GB\*
- External power supply
- Remote control
- Optical USB mouse

### Ordering Information

- SP-PC-4-E\_HD
- SP-PC-4-E (without HDD)

\* Depends on availability



**SPECTATOR**  
VIDEO TECHNOLOGY

Nieuwstraat 2,  
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The Netherlands



## Features

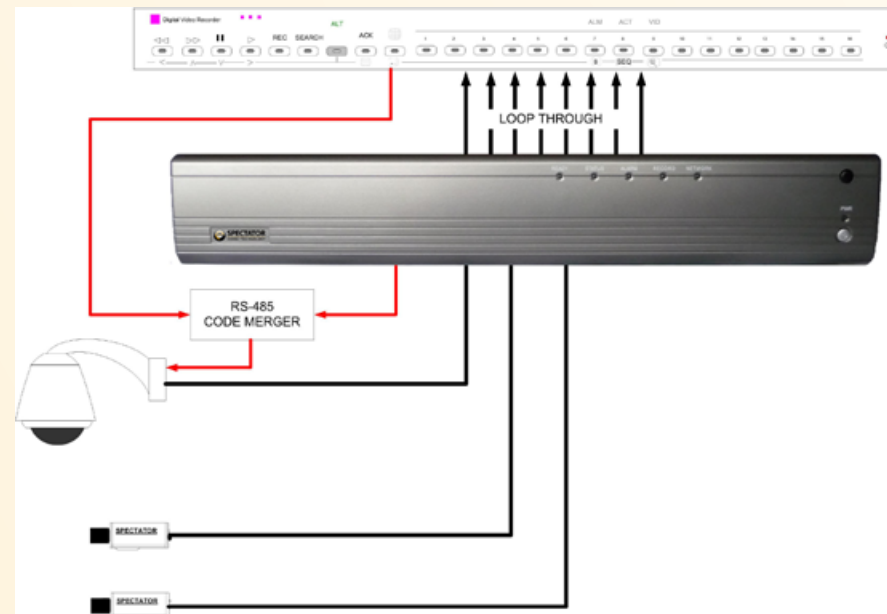
- Easy upgrading from existing CCTV systems to remote video verification
- High performance DSP with H.264 Video compression scheme
- Built in HDD for quick event recording retrieval by operator (SP-PC-8/16-E\_HD)
- Web interface for easy setup
- External trigger inputs and relay outputs
- Video Motion Detection on each channel
- Supports commonly used PTZ control protocols
- Built-in dynamic IP support for remote observation
- Dual stream server, main stream for recording and remote streaming, sub stream for low bandwidth streaming

## Description

Spectator SP-PC-E series is the solution for connecting your existing CCTV system to a Spectator Service Centre (SSC). It separates the local CCTV LAN network from the internet and guarantees a high quality of audio & video streaming over small bandwidth to the SSC.

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With the supplied Loop Through cables the Protocol Converter can be easily added without the need of external active video splitters.



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## Specifications

Type	SP-PC-8-E_HD	SP-PC-16-E_HD
Video compression	H.264	
Preview resolution	PAL:704*576(4CIF) NTSC:704*480(4CIF)	
	PAL:704*576(4CIF) (8 ips/channel)	PAL:704*576(4CIF) (6 ips/channel)
	PAL:352*288(CIF) (25 ips/channel)	NTSC:352*240(CIF) (30 ips/channel)
	PAL:176*144(QCIF) (25 ips/channel)	NTSC:176*120(QCIF) (30 ips/channel)
Video input - BNC (1.0Vp-p, 75Ω)	8 channels	16 channels
Video Loop out	8 channels	16 channels
Monitor video output (1.0Vp-p, 75Ω)	1 Main video BNC output, 1 Spot monitor BNC output	
VGA output	1 VGA Supports: , 1024x768/60Hz	
Frame rate : PAL (CIF)	200 ips	400 ips
: NTSC (CIF)	240 ips	480 ips
Stream type	Video only or Audio & Video	
Bit rate	32kbps...2Mbps in steps (Self definition up to 3072 kbps)	
Audio input - RCA (2.0Vp-p, 1KΩ)	4 inputs linked to video channel 1-4 + 1 common Line-Input	
Audio output - line output, 600Ω	1 RCA output	
Audio compression	64kbps G.711	
Communication interface	1 RJ-45 10M/100M UTP network port	
	1 DB-9 RS-232 port	
	1 4-pin screw terminal RS-485 port	
HDD SATA interface	2 x SATA interface	
USB interface	1 USB, support USB2.0	
	Support USB flash disk, USB HDD, USB CD-R/W, USB-DVD	
External trigger inputs	8	16
Relay outputs	4	4
Power supply	12 VDC	
Power consumption	<25W	
Operating temperature	-10 °C - +55 °C	
Operating humidity	10% - 90%	
Dimensions	19 inch standard (440mm*390mm*70mm)	
Weight	4,5 kg (incl. 1 HDD)	

### Delivery Package

- Protocol Converter
- One build in Hardisk min. size 250GB\*
- External power supply
- Optical USB Mouse
- Remote Control
- 19" Brackets
- Video loop through cable(s)

### Ordering Information

- SP-PC-8-E\_HD
- SP-PC-16-E\_HD
- SP-PC-8-E ( without HDD )
- SP-PC-16-E ( without HDD )

\* Depends on availability



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