

### Features

- Channel zero encoding (multiscreen transmission in single small size stream)
- High performance DSP with H.264 Video compression scheme
- Support real time recording at 4CIF/ch.
- One channel audio recording
- Multi channel synchronise playback
- Smart search of selected area in recordings
- External trigger input and relay output
- Video Motion Detection on each channel
- Support USB-flashdisk
- Web interface for easy setup
- Supports commonly used PTZ control protocols
- Built-in DNS service
- HDMI local output
- IPv6 supported
- Allows seamless connection to the Spectator Communication Platform (SCP)

### Description

Spectator's DVR-XS series is a complete new entry level DVR line. It comprises 4CIF recording at all channels at 25 frames(PAL) per second. It offers full functionality for an attractive pricing.

The new XS series DVR's are based on dedicated hardware, and a reliable embedded Linux Operating System. The OS and system firmware use a flash memory and are independent of the status of the HDD.

The DVR-XS series are optimised for connection to a SCP (Spectator Communication Platform) to provide enhanced functionality of video alarm verification of incoming alarms at the SCP, remote control of PTZ functions and 2-way audio interaction. In addition remote services like Virtual Guarding, Virtual Gatekeeping and VOaaS (Video Observation as a Service) are deliverable using this series of DVR's.



**SPECTATOR**  
VIDEO TECHNOLOGY

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## Specifications

Type	SP-DVR-4-XS		SP-DVR-8-XS	SP-DVR-16-XS
Video compression	H.264 (QCIF - 4CIF)			
Preview resolution	PAL:704*576(4CIF) / NTSC:704*480(4CIF)			
Compression (recording)	4CIF fps per CH	25		
Total Frames	CIF (PAL/NTSC)	100/120	200/240	400/480
Playback	Synchrone channels	4 channels	8 channels	16 channels
Video input - BNC	1.0Vp-p, 75Ω	4 channels	8 channels	16 channels
Video output	HDMI, VGA, CVBS			
Stream type	video only or video & audio (Ch.1 only supports both)			
Recording bit rate	(Main-stream)	32kbps...3072Mbps (user definition)		
Streaming res/framerate	(sub-stream)	25fps @ QCIF/CIF		
Nr connections / max outgoing bandwidth	128 / 60Mbit/s			
Audio input	RCA (2.0Vp-p, 1KΩ)	1		
Audio output	line level output, 600Ω	1 RCA output		
Audio compression	G.711, 64kbps Voice interface			
Communication interface	RJ-45 10M/100M UTP network port			
	2-pin terminal RS-485 PTZ port			
HDD SATA interface	1	2	2	
USB interface	1 x frontpanel, 1 x backpanel (USB 2.0)			
	Support USB flash disk, USB HDD, USB CD-R/W, USB-DVD			
External trigger inputs	4			
Relay outputs	1			
Power supply	External adaptor with 12VDC output, input 100-240VAC, 50 / 60 Hz			
Power consumption	<10W (without HDD)	<15W (without HDD)	<20W (without HDD)	
Operating temperature	-10 °C - +55 °C			
Operating humidity	10% - 90%			
Dimensions	315 mm * 230mm * 45mm	19" standard (445mm * 290mm * 45mm)		
Weight	<2kg (without HDD)	<4kg (without HDD)		
Email support	plain text with attached JPEG, requires SMTP server			
DNS support	DNS on SCP, DynDNS.org or Peanut shell			

### Delivery Package

- ⊙ DVR
- ⊙ SATA Cable(s)
- ⊙ HDD fixing screws
- ⊙ Optical USB Mouse
- ⊙ Remote Control
- ⊙ 19" Brackets (8/16ch version only)

### Ordering Information

- ⊙ SP-DVR-4-XS
- ⊙ SP-DVR-8-XS
- ⊙ SP-DVR-16-XS



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