

Technology - Surveillance Systems

iSentinel

Enhanced Video Recorders



A basic, fuss-free enhanced video recorder, iSentinel can be used as a standalone or network device. With 4/8 channel video inputs and 1 HDD interface, iSentinel is cost effective, user friendly and comes with HDMI video output for crystal clear HD image display.

Compression

- Adopts H.264 video compression standard
- Video encoding parameters of each channel can be set separately, including resolution, frame rate, bit rate, image quality
- Each channel supports normal continuous and event compression parameters
- Composite stream and video only stream

Monitoring

- High definition HDMI display supports up to 1920 x 1080 resolution
- Motion detection, view tampering alert, video exception alert and video loss alert
- Privacy masks
- Supports various PTZ protocols, PTZ preset, patrol and pattern

Alarms & Exceptions

- Alarm in/out arming schedule
- Various alarm input including hard disk full, illegal access, network loss, IP conflict, hard disk error, video output standard mismatch, etc.
- Various alarm responses including camera recording, relay out, on screen warning, audible warning, upload to center, etc.

Network

- 10/100M adaptive network interface
- TCP/IP protocols, PPPoE, DHCP, DNS, DDNS, NTP, SADP, etc
- Unicast via RTP and multicast via TCP, UDP
- Remote search, playback and download video files and breakpoint resume
- Remote configuration, import and export of EVR settings
- Remote acquisition of device status, system log and alarm status
- Remote button operation, locking and unlocking of panel buttons
- Remote hard disk format, upgrade, reboot and other system maintenance operations
- RS-485 transparent channel transmissions
- Remote manual recording
- Remote PTZ control
- Voice talk and broadcast
- Built-in WEB server

The logo for Certis, featuring the word 'certis' in a stylized, lowercase font with a blue and orange color scheme.

Model	Model name	EVR-488-01	EVR-888-01
	Material code	80009312	80009313
Audio/Video Input	Video compression	H.264	
	Video input	4 Channels, BNC (1.0Vp-p, 75Ω)	
	Audio compression	G.711u	
	Audio input	4 Channels, RCA (2Vp-p, 1KΩ)	
	Voice talk interface	1 Channel, RCA (2Vp-p, 1KΩ)	
Audio/Video Output	Preview resolution	PAL: 704 x 576 (4CIF) NTSC: 704 x 480 (4CIF)	
	HDMI/VGA interface	1Channel, resolution: 1920 x 1080P / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz	
	CVBS output	1 Channel, BNC (1.0 Vp-p, 75 Ω), Resolution: PAL: 704 x 576, NTSC: 704 x 480	
	Playback resolution	4CIF/2CIF/CIF/QCIF	
	Synchronous Playback	4 Channels	8 Channels
	Frame rate (Per Channel)	4CIF/ 2CIF: 15FPS CIF / QCIF: 25(P)/30FPS(N)	
	Compression Output Bit Rate	32 Kbps ~ 3072 Kbps, or user defined (Max. 3072 Kbps)	
	Audio output	1 Channel, RCA (Linear, 1 kΩ)	
	Audio output bit rate	64Kbps	
SATA Interface	HDD interface	1 SATA HDD	
	HDD capacity	Up to 4TB per HDD	
External Interface	Network	1 RJ 45 10M/100M Adaptive Ethernet Interface 1 RS-485 (for PTZ control) ,half duplex	
	USB interface	2 USB 2.0	
Others	Power Supply	12VDC	
	Power consumption	≤10W (without HDD or DVD-RW)	
	Working temperature	-10°C to 55 °C	
	Working humidity	10% to 90%	
	Size	315 x 230 x 45mm	
	Weight (without HDD or DVD-RW)	≤2Kg	

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