

Technology - Surveillance Systems

iSentinel

EVR-2000E Series Enhanced Video Recorders



A basic, fuss-free enhanced video recorder, iSentinel can be used as a standalone or network device. With 4 channel video inputs and 1 HDD interface, iSentinel is cost effective, user friendly and meets most basic surveillance requirements.

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
- Supports dual stream
- With watermark technology

Monitoring

- High definition VGA display supports up to 1280 x 1024 resolution
- Motion detection, view tampering alert, video exception alert and video loss alert
- Privacy masks

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 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
- Voice talk and broadcast
- Built-in WEB server

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iSentinel – EVR-2004E Series

Model	Model name	EVR-2004E-01
Audio/Video Input	Video compression	H.264
	Video input	4 Channels, BNC (1.0Vp-p, 75Ω)
	Audio compression	OggVorbis
	Audio input	1 Channel, 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)
	VGA interface	1 Channel, resolution: 1280 x 1024 / 60 Hz, 1024 x 768 / 60 Hz
	CVBS output	1 Channel, BNC (1.0Vp-p, 75Ω) Resolution : PAL: 704 x 576, NTSC: 704 x 480 (4CIF)
	Playback resolution	4CIF / 2CIF / CIF
	Synchronous Playback	4 Channels
	Frame rate (Per Channel)	Main stream: 4CIF / 2CIF@12 fps, CIF@25 fps (P) / 30 fps (N) Sub stream: CIF / QCIF@25 fps (P) / 30 fps (N)
	Video Bit Rate	32Kbps – 2048kbps, or user defined
	Audio output	1 Channel, RCA (liner 600Ω)
	Audio output bit rate	64kbps
	SATA Interface	HDD interface
HDD capacity		Up to 2TB per HDD
External Interface	Network	1 RJ 45 10M/100M Adaptive Ethernet Interface 1 RS-485 (for PTZ control)
	USB interface	2 USB 2.0
Others	Power Supply	12 VDC
	Power consumption	≤10W (without HDD or DVD-RW)
	Working temperature	-10°C to 55 °C
	Working humidity	10% to 90%
	Size (W x D x H)	315 x 230 x 45mm
	Weight	≤2Kg (without HDD or DVD-RW)

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