

TeleEye

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RA

Feature-packed DVR with User-friendly Operation



TeleEye RA Series is a range of feature-rich and user-friendly 4-, 8- and 16-channel digital video recorders providing high quality video recording and playback. Incorporated with advanced proprietary SMAC compression technology, TeleEye RA can have 60% longer recording time than other MPEG-4 DVRs.

TeleEye RA offers multiple recording modes and full control of recording rate and picture quality, easy search and efficient playback capabilities. Its built-in VGA interface allows using low cost flat screen display while its USB interface design enables fast video extraction for evidential purposes. Its hard disk health check function can anticipate hard disk failure and notify users to fix the technical issue.

With its secure functionality and reliable operation at affordable price, TeleEye RA is your best choice of digital video recorder!



IR Remote Control for RA

RA
| Digital Video Recorder |

Features

- SMAC compression technology
- Up to 16 video & 4 alarm input models
- Resolution up to 720x576 / 720x480 pixels
- Recording up to 100/120fps
- Triplex operation: simultaneous monitoring, recording & playback
- Schedule, alarm, motion detection & recording
- Composite / VGA video output with OSD menus
- Video footage extraction through USB flash drive
- IR remote control
- Built-in web server
- Compatibility with popular telemetry protocols

Specifications

MODEL	RA204	RA208	RA216
INPUT STANDARD	PAL/NTSC; composite video, 1 Vp-p, BNC		
INPUT CHANNELS	4	8	16
OUTPUT STANDARD	PAL/NTSC; composite video, 1 Vp-p, BNC		
	VGA 1024 x 768, 1280 x 1024 ; 60Hz, 75Hz		
RECORDING MODE	manual, schedule, event		
HDD TYPE	SATA interface; internal x 1		SATA interface; internal x 2
MAX. RECORDING RATE	(P) : 25fps at 720 x 576 pixels; 100fps at 360 x 288 pixels (N) : 30fps at 720 x 480 pixels; 120fps at 360 x 240 pixels		
VIDEO EXTRACTION	network, USB		
NETWORK	RJ-45, 10/100 base-T ethernet (auto-sensing), UPNP		
CONCURRENT USERS	2 (independent)		
WEB SERVER	Built-in		
TELEMETRY CONTROL INTERFACE	Camera port: RS-422/485: 2-way terminal, asynchronous, 8 data bits, 1 stop bit, no parity, 2.4-19.2kbps		
USB	High Speed USB2.0		
AUDIO INPUT	2 channels, RCA, line level		
AUDIO OUTPUT	Live / Playback: 1 channel, RCA, line level		
EVENT TYPE	alarm, motion, video loss, disk full, hard disk failure		
ACTION TYPE	recording, buzzer		
EXTERNAL ALARM INPUTS	4 x NC / NO		
RELAY SWITCH	1 Channel; Push-button / Latch; 24V AC, 1000mA		
POWER	Voltage: 12V DC; Max. Rating: 30W		Voltage: 12V DC; Max. Rating: 60W
OPERATION ENVIRONMENT	Ambient Temp.: 5°C - 40°C; Relative Humidity: <85% (non condensation)		
DIMENSION	230mm (W) x 242mm (L) x 65mm (H)		320mm (W) x 242mm(L) x 65mm (H)
WEIGHT	1.5kg	1.6kg	2.2kg

Recording Size Requirements on TeleEye RA Digital Video Recorders

Model	D1: 720 x 576		CIF: 360 x 288	
	Frame Rate: (fps)	Size per day (GB)	Frame Rate (fps)	Size per day (GB)
RA204	25	25	100	20
RA208	25	35	100	25
RA216	25	45	100	35

Remark: The above calculation is based on PAL video standard and recording of all cameras with moderate motion at medium quality setting. Actual recording size required is subject to actual camera situation.

PC Requirements

IE*	
CPU:	Pentium ® Dual-Core 2.2GHz or above
RAM:	1 GB or above
HDD:	1GB of free disk or above
Display:	1024 x 768, true colour
OS:	#MS Windows XP, Vista

*Java: Sun Microsystems Java 2 runtime Version 1.5.0 or above

*IE: Windows Internet Explorer Version 6 or above

32 bit Edition



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Features and specifications are subject to change without prior notice. Measurement in this leaflet is based on a set of standard videos. Actual recording size and transmission frame rate is subject to actual camera situation.

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