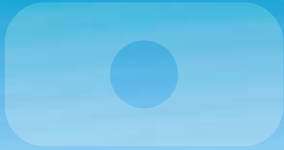




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# RA

## 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. Incorporating with advanced proprietary SMAC compression technology, TeleEye RA can provide 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 the use of low cost flat screen displays while its USB interface and built-in DVD writer enable fast video extraction for evidential purposes. Its hard disk health check function can anticipate hard disk failure and notify users to repair the technical issues.

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



IR Remote Control for RA

**TeleEye**

MODEL	RA204	RA208	RA216	RA304	RA308	RA316
INPUT STANDARD	PAL/NTSC; composite video, 1 Vp-p, BNC					
INPUT CHANNELS	4	8	16	4	8	16
OUTPUT	1024 x 768, 1280 x 1024 ; 60Hz, 75Hz					
	PAL/NTSC; composite video, 1 Vp-p, BNC					
	1 VGA, 1 composite					
RECORDING MODE	manual, schedule, event, motion					
HDD - SATA	Internal x 1		Internal x 2		Internal x 1	
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, USB, built-in DVD writer		
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	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, switch					
EXTERNAL ALARM INPUTS	4 x NC / NO					
RELAY SWITCH	1 Channel; Push-button / Latch; 24V AC, 1000mA					
POWER	12V DC; 30W		12V DC; 60W		12V DC; 50W	
OPERATION ENVIRONMENT	Ambient Temp.: 5°C - 40°C; Relative Humidity: <85% (non condensation)					
DIMENSION (W x L x H)mm	230 x 242 x 65		320 x 242 x 65		320 x 398 x 65	
WEIGHT	1.7kg		2.3kg		4.3kg	

- SMAC video 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
- VGA output with OSD menu
- Video footage extraction through USB flash drive or built-in DVD writer^
- Compatibility with popular telemetry protocols
- Fast & easy search for recorded video
- Built-in web server & accessible through web browser
- IR remote control

^ For RA30 Series only

### 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 / RA304	25	26	100	30
RA208 / RA308	25	36	100	40
RA216 / RA316	25	46	100	50

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 browser*	
CPU:	Intel® Core™ i3 Processor
RAM:	2 GB or above
HDD:	10 GB of free disk or above
Display:	Direct 3D, Nvidia® GeForce® GT220/ ATI® Radeon® HD 5450 or Above
OS:	MS Windows XP, Vista, 7

\*IE: Windows Internet Explorer Version 6 or above  
\*Java: Oracle Java 6 or above

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