

**TeleEye**

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# Powerful Features with Simple Configurations



## **TeleEye RN680 Series Digital Video Recorder**

TeleEye RN680 Series covers a full range of feature-rich and easy-to-use 4-, 8- and 16- channel digital video recorders. With the MPEG-4 compression and full-feature video recording, TeleEye RN680 Series guarantees smooth and crystal clear video quality on both live monitoring and recording.

TeleEye RN680 Series is designed to support up to 2 internal hard drives for enhancing the storage capacity and providing longer recording duration. Its built-in CD writer enables fast video footage extraction for evidential purpose.

TeleEye RN680 Series equips with powerful features and easy-to-use operation, and is suitable for a wide range of applications from retail outlet, factory, property management and public utility installations.





# Digital Video Recorder | RN680 Series

## Features

- 4, 8 or 16 video & alarm input models
- Resolution up to 720x576 / 720x480 pixels
- Video compression: MPEG-4
- Recording rate up to 100/120fps
- Simultaneous recording, playback & network operation
- Main & call monitor outputs
- VGA output (optional)
- Support TCP/IP, DHCP & DDNS network
- Support up to 2 internal hard drives
- Built-in CD writer & USB interface for video extraction
- Schedule, alarm, motion detection & remote recording
- Fast & easy search for recorded video
- Accessible through web browser
- Telemetry control



## Product Specifications

Model	RN684	RN688	RN6816
INPUT STANDARD	PAL/CCIR: 625 lines, 25 frames per second NTSC/EIA: 525 lines, 30 frames per second composite video, 1Vp-p, BNC, switchable		
INPUT CHANNELS	4	8	16
OUTPUT STANDARD	Main Monitor	BNC x 1, 1.0Vp-p, 75ohm	
	Call Monitor	BNC x 1, 1.0Vp-p, 75ohm	
	VGA (Optional)	800x600, 1024x768, 1280x1024 pixels	
COMMUNICATION NETWORK	TCP/IP, DHCP, DDNS		
CONCURRENT USERS	2		
RECORDING MODE	Schedule / Motion / Alarm / Remote		
RECORDING RESOLUTION	D1 (PAL: 720x576 / NTSC: 720x480) Half D1 (PAL: 720x288 / NTSC: 720x240) CIF (PAL: 360x288 / NTSC: 360x240)		
HD TYPE	IDE interface, ATA66, 2 internal		
COMPRESSION FORMAT	MPEG-4, Advanced Simple Profile		
MAX. RECORDING RATE	PAL: 25fps (720x576); 100fps (360x288) NTSC: 30fps (720x480); 120fps (360x240)		
PLAYBACK SCHEDULE	Date, time, event		
PLAYBACK SPEED	1X, 2X, 4X, 8X, 16X, 32X		
ALARM IN/OUT	4 inputs, 1 output	8 inputs, 1 output	16 inputs, 1 output
AUDIO IN/OUT	2 inputs, 2 outputs		
BACKUP DEVICE	CD-RW, USB		
TELEMETRY STANDARD	RS-485, 1200, 2400, 4800, 9600, 19200bps		
TELEMETRY PROTOCOL	Pelco-P, Pelco-D, AD422, Fatrax 2		
VOLTAGE	External Adapter, AC 100~240V to DC 12V		
MAX. RATING	96W		
AMBIENT TEMPERATURE	0°C ~ 40°C		
RELATIVE HUMIDITY	30% ~ 90% (no condensation)		
DIMENSION	440mm (W) x 50mm(H) x 340mm(D)		
WEIGHT	4.9kg		

## Recording Duration (Days) of TeleEye RN688

D1 (720 x 576 pixels)		HD1 (720 x 288 pixels)		CIF (360 x 288 pixels)		- 8 cameras recording - HDD: 500GB - Moderate amount of motion - Best picture quality - Testing model: RN688
fps	Days	fps	Days	fps	Days	
25	12	50	7	100	9	
12	-	25	15	50	17	
8	29	8	36	8	54	

Remarks: Actual recording duration depends on actual camera situation.

## PC Requirements

CPU : Pentium IV 2GHz or above  
RAM : 512MB or above  
OS : MS Windows 2000, XP

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