

# DVR-04

SecurityMan®

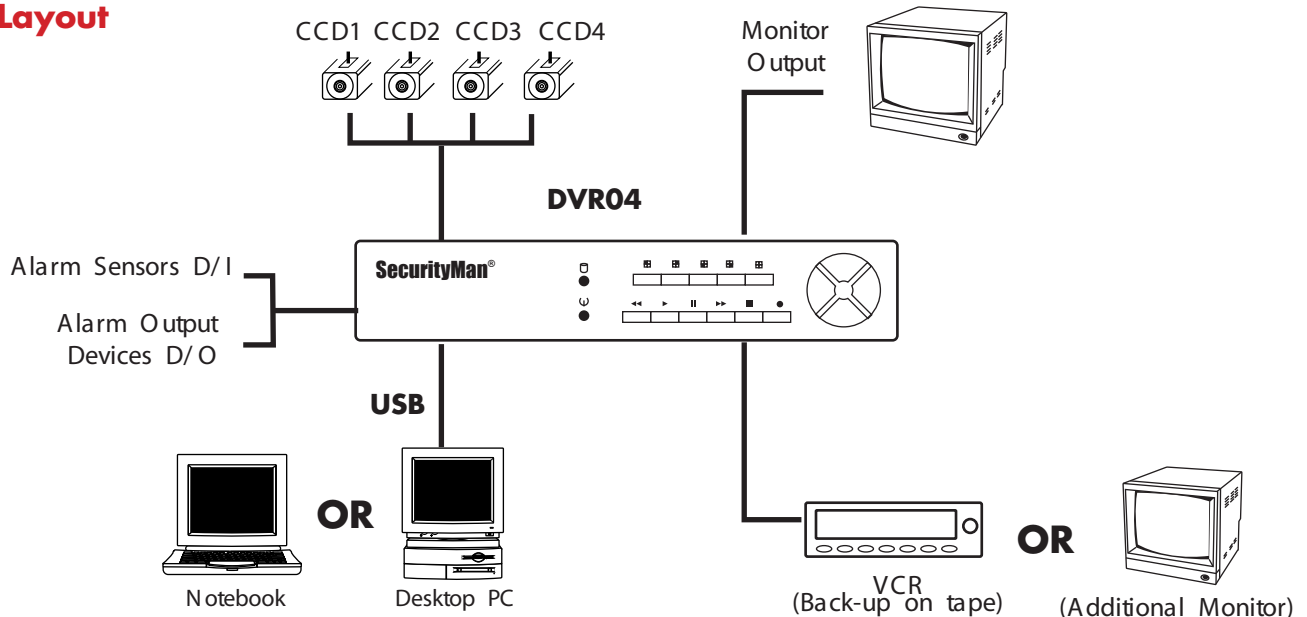
## Compact 4-ch Standalone Digital Video Recorder



**Model:**  
**DVR-04 (bare system, no HDD)**  
**DVR-04-160 (w/ 160GB HDD)**  
**DVR-04-250 (w/ 250GB HDD)**

The SecurityMan **DVR-04** is a very affordable video security system specially designed for small businesses and homes. It is a space-saving compact size system for up to 4 color and/or B/W cameras. Unlike VCR tapes, it displays clear and smooth Motion-JPEG images and will not be deteriorated over a long time usage; it records much longer time than VCR without frequent tape-changing; and it allows you to search and play back instantly based on date and time, without tape rewinding and forwarding hassles. The recorded video is also transferable to a PC or notebook via USB connection and the PC Player software for video reviewing, printing, emailing, or saving to PC hard disk, CD, or any available media.

### System Layout



## Features:

- Built-in video motion detection and buzzer for video loss detection.
- Easy-to-use VCR-like button controls and reliable embedded standalone DVR.
- Real time live display clear and full motion pictures.
- Up to 30fps (25fps for PAL) global recording frame rate shared by up to 4 cameras.
- Proprietary review software on the system itself (embedded) or a PC to ensure authenticity.
- Selectable two record modes (Quad or Each) and three video quality levels (Low, Normal, & High).
- With 80GB hard drive, records up to 52hrs @ 30fps; 1942hrs @ 18fps

DVR-04 Specifications			
Video Input Format		NTSC/PAL	Switch-able
Operating System		Non-PC (Embedded proprietary OS)	Ensure video authenticity and system reliability
Video Input Channel		4-ch BNC	
Video Output Channel		2 BNC	Allow backup to tape with VCR connection or additional display with 2nd monitor connection
Alarm I/O		4 Inputs / 1 Output (10-pin dip-switch)	
Buzzer		Built-in on board	Video loss detection
Display Frame Rate	NTSC	120fps global	4x30fps
	PAL	100fps global	4x25fps
Recording Frame Rate (Each Mode)	NTSC	30fps global (max. 7.5fps each of 4 cameras)	Full single and quad screens
	PAL	25fps global (max. 6.25fps each of 4 cameras)	Full single and quad screens
Recording Frame Rate (Quad Mode)	NTSC	Max. 30fps	Quad screen only
	PAL	Max. 25fps	Quad screen only
Resolution:	Live Display	NTSC: 720x480 PAL: 720x576	
Resolution:	Recording	NTSC: 640x224 PAL: 640x272	
Compression Format		MJPEG	Low: 12Kb/frame Normal: 15Kb/frame High: 20Kb/frame
Storage		One IDE hard drive	Standard: DVR-04-80 (80GB)
USB		1 x USB port	PC connection
Watch-dog function		Power recovery auto boot-up and back to previous recording mode	On site presence is not necessary.
Operating Temperature		0 °C ~ 40 °C	
Power Source		AC/DC Adapter 12V DC Input	
Power Consumption		25 Watt	
Dimension (L x D x H)		12.4" x 9" x 2"	315 x 224 x 52 (mm)
Weight (net/gross)		5 lbs/ 7lbs (w/ hard drive)	
Certificates		FCC/CE	