

## Product Detail

### DynaGuard™ 90 Series



[Zoom view](#)

The DynaGuard™ 90 Series is an integrated digital video recorder that combines the features of a time-lapse audio / video recorder, a multiplexer, and a video server to create a single security CCTV solution. Its outstanding motion detection smart cell shows every tiny movement on your screen, UTP solution enables users to transform BNC cable to UTP (unshielded twist pair), this simplifies the installation and also save lots of money for wiring. More than this, the tiny volume makes it possible to hide your 79094 anywhere you want.

[Live Demo](#)

[FAQ](#)

## FEATURES



## FEATURES

### Advanced Functions

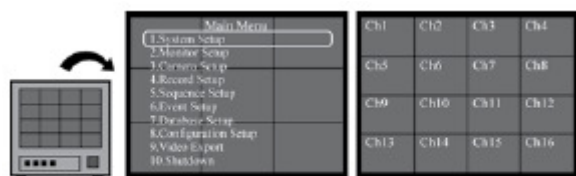
- Complete Family Support
- Compact Volume
- Triplex Operation
- Real Time Display
- Support Up to 2 Internal HDDs
- Powerful Network Functions
- Motion Detection Smart Cell
- UTP Solution
- Multiple Build-in Dome Camera Control Protocol
- Digital Zoom 2 x 2
- Automatic Camera Detection
- Support Covert Camera Operation
- Support Pre-Alarm Recording

### Humane Technology

- USB 2.0 Port for Video Clip Exporting
- Built with ezBurn™ Technology
- IR Remote Controller
- Support Compact Remote Controller

### MPEG4 Compression enables longer recording and cost down

DynaGuard™ 90 series applied a high compression rate using the advanced MPEG-4 algorithm for an effective video management system. With high quality and small size recording image, DynaGuard™ 90 series provides longer recording duration and faster data transmission. In addition, DynaGuard™ 90 series can help the users to reduce the cost for storage media.



Local DVR control monitor display

### Motion detection smart cell

DynaGuard™ 90 series improve motion detection function to more convenient way by adding "Smart-Cell" indication. When motion occurs within any scope of camera filming, several smart-cells show up to locate exactly the position of motion. User can easily confirm the motion point from wide camera filming area, even very small motion can be detected.

### Compact volume with up to 2 internal HDDs support

DynaGuard™ 90 series has a tiny and compact outward appearance with metallic design and user-friendly button configuration that fits any limited space. With 2 internal HDDs support, it provides powerful data storage system that maximizes recording utility for DVR management and maintenance.

### UTP solution to save your cost of wiring

DynaGuard™ 90 series offers an optional installation way by introducing unshielded twisted pair wiring. UTP wiring is a most common communication medium for the moment, it provides several advantages such as lower cost, flexibility and easier installation for installers. You can save both your time and money by adopting DynaGuard™ 90 series UTP solution without too much signal loss.

## SPECIFICATION

MODEL NAME		DG94	DG98	DG96	
Video	Input	BNC x 4, 1.0Vp-p, 75 ohm	BNC x 8, 1.0Vp-p, 75 ohm	BNC x 16, 1.0Vp-p, 75 ohm	
	Video Standard	NTSC/PAL Switch Selectable			
	Video Operation	Triplex (Recording, Playback and Network Access)			
	Outputs	Main Monitor	BNC x 1, 1.0Vp-p, 75 ohm		
		VGA (optional)	800 x 600, 1024 x 768, 1280 x 1024 pixels		
	Picture Refresh Rate	NTSC: 120 PPS(4CH) PAL: 100 PPS(4CH)			
	Digital Zoom	2 X 2			
Camera Installation	Plug & Play				
Audio	Input	RCA x 2, Line-In			
	Output	RCA x 2, Line-Out			
Recording	Compression Method	MPEG-4 Advanced Simple Profile			
	Recording Mode	Schedule, Alarm, Motion Detection			
	Pre-Alarm	Yes			
	Recording Resolution & Rate	NTSC: 30 PPS@720 x 480 pixels		PAL:	
		25 PPS@720 x 576 pixels		PAL:	
		NTSC: 60 PPS@720 x 240 pixels		PAL:	
		50 PPS@720 x 288 pixels		PAL:	
Recording Mode	Best Quality, Standard, ezRecord, Extended Record, DSL				
Image Size	8K to 20K Byte/picture				
Storage Mode	Linear/Circular				
Playback	Playback	Play, Stop, Pause, Rewind, Forward, Search			
	Playback Speed Adjustment	Yes, 1X, 2X...32X			
	Retrieve	Date/Time, Event			
Storage	Built-in HDD	Up to 2 built-in HDDs			
	Export	X1 USB2.0 ports, support ThumbDrive®, CD-RW			
Export	USB	USB 2.0 CD/RW ( optional )			
	USB ThumbDrive	Supported			
		X4, D-Sub	X8, D-Sub	X16, D-Sub	

Alarm	Alarm Input	15 pin	25 pin	25 pin
	Alarm Relay Output	X1, D-Sub 15 pin	X1, D-Sub 25 pin	X1, D-Sub 25 pin
	Alarm Detection	N.C./N.O., Programmable		
	Motion Detection	16 X 12		
	Video Loss Detection	Programmable		
	Auditory Alert	Built-in Buzzer		
Communication	Communication Protocol	RS-485 DSCP		
	Remote Control Software	DVR <b>Remote™</b> Lite		
	Network Connectivity	Ethernet RJ-45 connector, 10/100Mbps, supports DHCP		
	LAN Remote Control	IE Browser, Windows AP		
	Dome Control	IE Browser, Windows AP, Front Panel		
	Remote Operation	Monitor, Playback, System Setup, Dome Camera Control		
On-Screen Display	Search	Based on Time or Event		
	Play/Pause/REW/FF	Control Playback Direction & Speed		
	Password Control	2 level, Administrator/User		
General	Unit Dimension (WxHxD)	440(W)*340(D)*50(H)mm		
	Unit Weight	4.9kg		
	Operation Temperature	0°C - 40°C(32°F - 104°F)		
	Relative Humidity	30% - 90% Non-condensing		
	Power Consumption & Input/output	External Adaptor, AC 100~240V/ in, DC12V (6A)		

## FRONT PANEL



- 1 CD-RW
- 2 USB 2.0 Port
- 3 LEDs
- 4 Channel Keys
- 5 Function Keys
- 6 Direction Keys

## REAR PANEL



- 1 LAN Port (RJ45)
- 2 VGA Port (Optional)
- 3 RS485
- 4 Audio Input
- 5 Audio Output
- 6 Call Monitor
- 7 Main Monitor
- 8 Video Input
- 9 DC Power in
- 10 UTP Ports (Optional)

## DOWNLOAD