



# DynaGuard™ 500

Multiple Channel Digital Video Recorder



## Key Features

- Multiple (16 and 9) channel multiplexed digital video recorder
- Ethernet connectivity for remote access
- Built-in web server makes remote live view, playback, and record via web browser easily.
- Intelligent record, search, and playback functions
- Advanced Multiplexer functions:
  - Triplex operation
  - Active window
  - Motion detection
  - Alarm input
- Advanced embedded operating system
- Powerful Motion JPEG compression engine
- USB port for multiple device extension
- IEEE-1394 (FireWire®) interface for extended storage

- Programmable recording frame rate
- One channel audio recording and playback
- Front panel operation inherited from DynaColor Multiplexer
- Two level of passwords to secure installation authorization
- Built-in up to 2 Hard Disk Drives, providing flexible large storage capacity
- System auto reboot after power interruption
- System software stored in non-volatile memory, free from hard disk crash
- Built-in CD-R/W for archiving recorded video.
- Built-in multiple speed dome camera control protocols
- Integrated with full line of DynaColor security system, for example:
  - D731X Series Control Keyboard
  - D7722 Series Speed Dome camera
  - D77RX Series Repeater and Protocol Converters
  - External storage to extend recording capacity

DynaGuard™ 500 Series is a state-of-the-art multiple (16 and 9) channel multiplexed digital video recording system, equipped with advanced embedded operating system, Motion JPEG compression engine, and triplex multiplexer. The built-in hard disk drives (up to two) provide storage space for the digital video and audio.

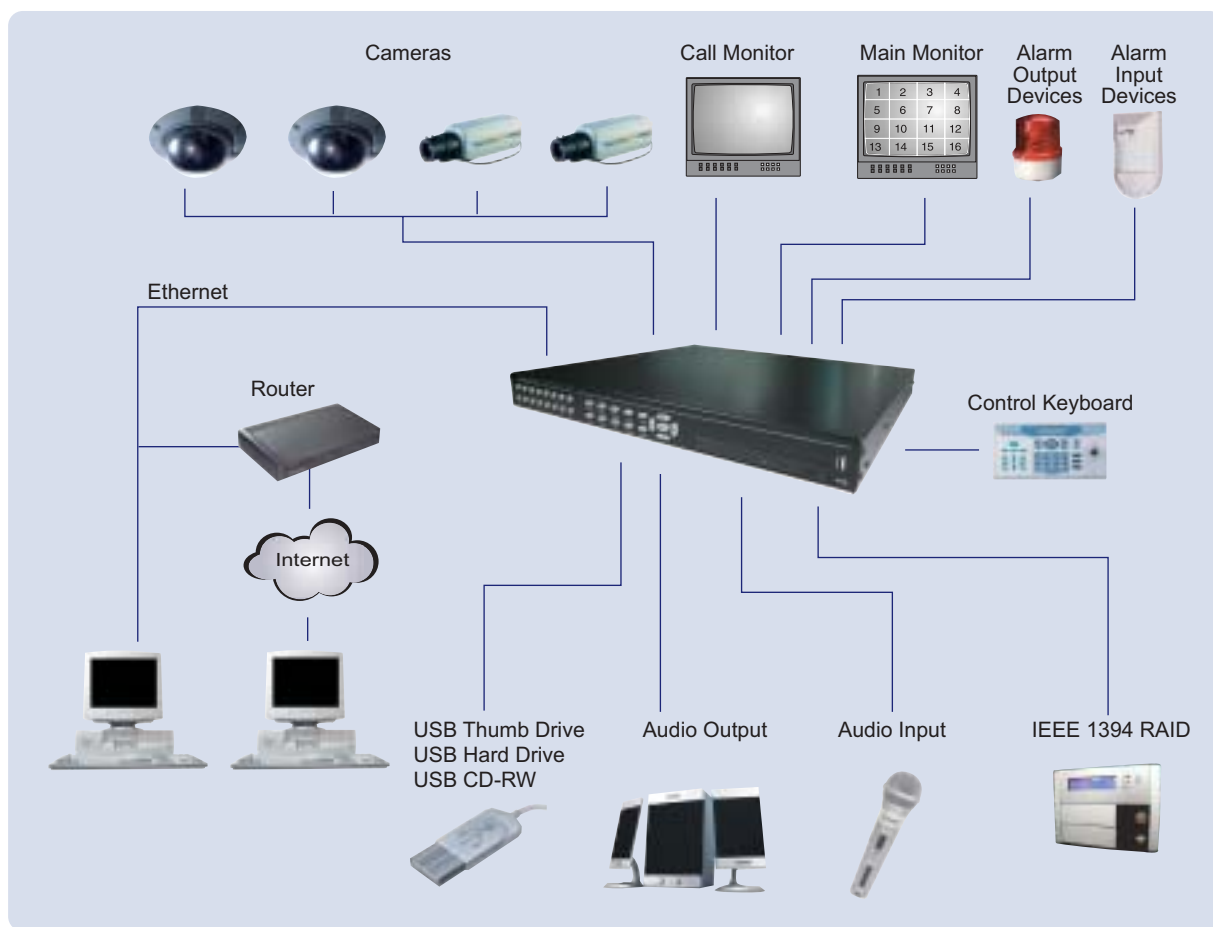
DynaGuard™ 500 Series extends from the same easy-to-use user interface (front panel operation) and functions that DynaColor Multiplexer provides. Triplex operation, motion detection, alarm processing, and speed dome camera control functions are all included. Digital recording with Motion JPEG codec gives DynaGuard™ 500 Series more recording flexibility and quality than ever.

DynaGuard™ 500 Series carries more interfaces to extend its versatility. The Ethernet interface provides the Internet accessibilities. Since the DynaGuard™ 500 Series integrates a web server, to remotely view live video, recorded video, or control DynaGuard™ 500 Series, a PC that with popular Internet Explorer is the only requirement. RS-485 communication port enables integration with other security control devices. Audio interface allows additional sound surveillance. DynaGuard™ 500 Series keeps heritage of DynaColor Multiplexer family with same powerful multiplex function, and incorporates latest embedded OS, Motion JPEG codec and state-of-the-art system design that enrich DynaGuard™ 500 Series a more complete and more cost effective video recording system for digital surveillance application. Additionally, USB and IEEE 1394 interfaces provide more storage device connectivity.

Channel Digital Video Recorder  
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General Configuration

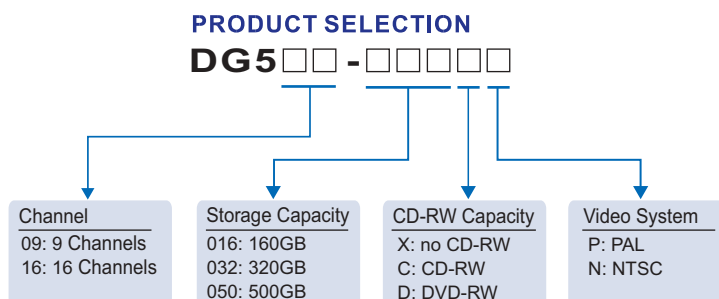


DynaGuard™ 500

## Technical Specifications

	DG509	DG516
Video Operation	Triplex	
Compression Method	Motion JPEG	
Video System	NTSC or PAL, factory selected	
Resolution-Recording	NTSC: 720 x 240 pixels PAL: 720 x 288 pixels	
Recording Rate	NTSC: Up to 60 pictures/sec PAL: Up to 50 pictures/sec	
Recording Capacity	160GB, 320GB, 500GB*	
Recording Mode	Schedule / Manual / Alarm	
Recording Quality	Superior / High / Medium / Normal / Basic	
Video Input	9 BNC, 1.0Vp-p, 75 ohm	16BNC, 1.0Vp-p, 75 ohm
Video Looping Through	9 BNC, 1.0Vp-p, 75 ohm	16BNC, 1.0Vp-p, 75 ohm
Main Monitor Output	1 BNC / S-VHS, 1.0Vp-p, 75 ohm	
Call Monitor Output	1 BNC, 1.0Vp-p, 75 ohm	
Audio Input / Output	1 Input / 1 Output	
Alarm Input / Output	9 Input / 3 Output	16 Input / 3 Output
Alarm Recording	Pre-alarm Recording	
Device Expansion	USB Interface	
Networking	Ethernet LAN Port	
Communication Port	RS-485	
Back-up Storage Interface	IEEE 1394 Port	
Playback Speed	Multiple Speed Forward/Reverse	
Zoom	Yes	
Power Input Voltage	DC 19V	
Title	12 Characters	
Dimension (WxHxD)	432 x 44 x 400 mm (17 x 1.7 x 15.8 inches)	
Weight	6.9 kg (15.2 lbs)	
Operating Temperature	0°C~ 40°C (32°F ~ 104°F)	
Storage / Shipping Temperature	-20°C~70°C (-3.9°F ~ 158°F)	

\* HDD capacity depends on availability.



Product specifications and availability subject to change without notice.  
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Developed and Manufactured by:  
**DYNACOLOR**  
Making Our World More Colorful

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