The network Dyna**Guard**^{TM} 700 series is a premium network video recorder supporting megapixel video recording and IP camera Plug & Play automatic installation. Additionally, the DG700 series integrates IP camera dual streaming function and 8 / 16 ports PoE switch. It is an ideal edge recording solution for system integrators and installers applicable from small convenience stores and merchandise stores to medium-sized surveillance systems and projects.

Integrated Plug & Play system, the DG700 series provides users up to 8 / 16 channels of IP camera connection without network, user name, password and other complicated settings.   Supporting IP cameras dual streaming function and embedded with 8 / 16 ports Power over Ethernet switch, the DG700 series NVR is a perfect edge storage allowing system integrators to reduce expenditure on network bandwidth and equipments, camera power supplies, cablings and installations.

The Dyna**Guard**™ iCMS software provides DG700 series NVR users a scalable solution for project applications. Moreover, users are able to monitor remotely by using specific mobile device APP on iPhone, iPad and Android smart phones in the markets.

Advanced Functions

Embedded Linux system
8 / 16 channels IP camera recording / playback
8 / 16 ports PoE switch included
Secure closed circuit LAN for IP cameras
IP camera automatic recovery
Plug & Play automatic installation & configuration
IP camera dual streaming support
Megapixel video recording
8 / 16 channels audio recording
Up to 4 internal SATA hard drives support
Data protection
NTP support for time synchronization
Dyna**Remote**^{TM} & Dyna**Guard**^{TM} iCMS support
iPhone, iPad and Android Smart Phones Support

MODEL NAME	DG780	DG760
System & Software Spec.		
Operation System	Embedded (Linux)	
IP Camera Inputs	Up to 8Ch	Up to 16Ch
Frame Rate (Recording)	240PPS @ 1080P/720p/480p (Camera Dependent)	480 PPS @ 1080P/720p/480p (Camera Dependent)
Maximum Network Throughput	40 Mbps	80 Mbps
Audio / Video Recording	H.264 BL/MP, MJPEG, MPEG-4 (Camera Dependent)	
Recording Mode	Continuous, Schedule and Event (Alarm and Motion Detection)	
Data Life Time	Configurable	
Playback Channel	1 / 4 / 9 / 16Ch Simultaneous Playback	
Playback Mode	Forward, Reverse, Step-by-Step and Different Speed Play	
Playback Search	Calendar & Event	
Live & Playback Enhancement	Sanpshot, Digital Zoom	
Backup	Remote Archive via Client Software	
Supported Cameras	DynaColor Cameras	
PTZ Support	Mouse for Supported PTZ Cameras	
Remote Software	Dyna**Guard**^{TM} Remote	
Utility Software	Device Search, DynaPlayer, Dyna**Guard**^{TM} iCMS	
Client PC Requirement (Minimum / Recommended)		
CPU	Intel® Core™ 2 Duo, 2.4 GHz / Intel® Core™ i7-2600, 3.4 GHz	
Memory	1 GB / 4 GB	
Graphic Card	64 MB VRAM or more / GeForce GTS450 1GB, PCI-E 16X	
Operation System	Windows XP, Vista, 7	
Web Browser	Internet Explorer 8.0 or later	
Hardware Spec.		
Network Port (Uplink)	x 1, RJ-45, 10/100/1000 Mbps	
Network Ports	x 8, RJ-45 with PoE, 10/100 Mbps	x 16, RJ-45 with PoE, 10/100 Mbps
Power Over Ethernet	IEEE 802.3af	
Build-in Storage Interface	x 4, 3.5" SATA HDD	
HDD Cartridge	x 4, Lockable	
USB	x 1, USB 2.0	
eSATA	x 1, eSATA Port (Reserved)	
Buttons	x 1, Power	
LCD Panel & Front Panel Keys	x 1 LCD Panel; x 6 Selection Keys	
Alarm Buzzer	Event Warning	
General Spec.		
Unit Dimensions	440(W) x 90(H) x 450(D) mm / 17.3(W) x 3.5(H) x 17.7(D) inch	
Unit Weight	7 Kg / 15.44 Lbs	
Package Dimensions	563(W) x 197(H) x 558(D) mm / 22.2(W) x 7.8(H) x 22(D) inch	
Package Weight	11 Kg / 24.26 Lbs	
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F	
Operation Relative Humidity	10% ~ 90% Non-condensing	
System Power Supply	AC 100～240V, 50-60Hz 200W (Auto Selection)	AC 100～240V, 50-60Hz 350W (Auto Selection)
Power Arrangement	100W for NVR System 10W for PSE Switch 90W for PoE Devices	150W for NVR System 10W for PSE Switch 190W for PoE Devices

Product specification and availability subject to change without notice

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