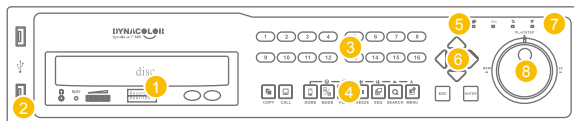


network DynaGuard™ 600 II Series



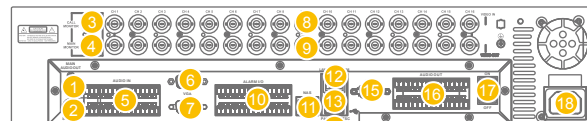
Premium H.264 Hybrid DVR

Front Panel



- | | |
|------------------------|------------------|
| ① DVD/RW or Cartridge* | ⑥ LEDs |
| ② USB 2.0 Ports | ⑦ Direction Keys |
| ③ Channel Keys | ⑧ IR |
| ④ Function Keys | ⑨ Jog / Shuttle |

Rear Panel



- | | |
|-----------------------------|--------------------------------|
| ① Main Audio Output | ⑩ Alarm I/O and RS-485 |
| ② S-Video Output | ⑪ NAS Port (RJ-45) |
| ③ Call Monitor Output (BNC) | ⑫ LAN 10/100/1000 Mbps (RJ-45) |
| ④ Main Monitor Output (BNC) | ⑬ USB 2.0 Ports |
| ⑤ Audio Input | ⑭ NTSC / PAL Switch |
| ⑥ VGA Output | ⑮ RS-232 |
| ⑦ Digital Display Output | ⑯ Matrix Output* |
| ⑧ Video Input | ⑰ Power Switch |
| ⑨ Video Looping | ⑱ Power Jack |

Features

Advanced Functions

- H.264 / MPEG-4 / MJPEG compression
- NEW** • Up to 4/8/16CH D1 real-time recording / playback
- NEW** • Support Full HD 1080p output
- NEW** • Up to 20CH analog and IP video display
- Up to 8CH IP camera recording
- Megapixel video recording
- Pentaplex operation
- NEW** • Dual streaming
- NEW** • Privacy masks
- Flexible user management
- Per channel configuration
- NTP support for time synchronization
- Integrated WLAN, SMS
- Built-in Pelco Coaxitron® protocol
- POS function: transaction monitoring
- Digital display output
- Dual-gigabit LAN ports
- 4/8/16CH audio recording
- Mobile View software (iPhone support)
- DynaRemote™ for remote monitoring
- DynaGuard™ CMS for video management

Humane Technology

- GUI
- USB mouse / USB keyboard*
- Control keyboard*
- IR remote control
- Jog / Shuttle
- NEW** • UPnP™
- Exports AVI files for Microsoft® Media Player
- NEW** • Intelligence Playback Search

Modular Upgrade Kits

- NEW** • V / U Module (DG600 II S only) for real-time recording
- NEW** • Matrix Module for additional 4 call monitors and alarm relay outputs
- NEW** • Mirroring Module for RAID 1/ RAID 10 function
- Alarm Hub for 16CH alarm relay output
- NEW** • DynaStorage™ 600 for extended recording storage
- NEW** • D7324 for long distance remote control

Note: Items marked with an asterisk (*) are optional

Specification

Item	DG604 II S	DG608 II S / V	DG616 II S / U	
Video				
Operation System	Embedded (Linux)			
Video Standard	NTSC / PAL Switch Selectable			
Display Resolution	Up to 1920 x 1080 pixels			
Input	BNC × 4, 1.0 Vp-p, 75 ohm	BNC × 8, 1.0 Vp-p, 75 ohm	BNC × 16, 1.0 Vp-p, 75 ohm	
Input IP Devices	Up to 8CH	Up to 8CH	Up to 8CH	
Outputs	Main Monitor	BNC × 1, S-Video × 1, 1.0 Vp-p, 75 ohm		
	Call Monitor	BNC × 1, 1.0 Vp-p, 75 ohm		
	Loop	BNC × 4, 1.0 Vp-p, 75 ohm	BNC × 8, 1.0 Vp-p, 75 ohm	BNC × 16, 1.0 Vp-p, 75 ohm
Digital Display Output	1024 × 768, 1280 × 1024, 720p, 1080p pixels			
VGA Output	1024 × 768, 1280 × 1024, 720p, 1080p pixels			
Picture Refresh Rate	NTSC: 30 pps/per CH, PAL: 25 pps/per CH			
Audio				
Input	Terminal Block × 4, Line-In	Terminal Block × 8, Line-In	Terminal Block × 16, Line-In	
Output	RCA × 1, Line-Out			
Compression Method	ADPCM, G.726			
Data Rate	8 KB/s, per CH			
Recording / Playback				
Compression Method	H.264 (DG600 II S / V / U); MPEG-4 / MJPEG (DG600 II S)			
Recording Mode	Schedule, Alarm, Motion Detection			
Pre-alarm	Yes			
H.264	NTSC 720 × 480	S : Max 120 pps	S / V : Max 120 / 240 pps	S / U : Max 120 / 480 pps
	PAL 720 × 576	S : Max 100 pps	S / V : Max 100 / 200 pps	S / U : Max 100 / 400 pps
MPEG-4 / MJPEG	NTSC 720 × 480	S : Max 120 pps	S : Max 120 pps	S : Max 120 pps
	PAL 720 × 576	S : Max 100 pps	S : Max 100 pps	S : Max 100 pps
Recording Quality	8 Levels Presets, Adjustable			
Storage Mode	Linear / Circular			
Data Lifetime	Yes, Programmable			
Storage				
Built-in Storage Interface	× 4 SATA for HDD and DVD+RW			
Cartridge / DVD+RW	Optional / Standard			
Export	× 4 USB 2.0 Ports, Support ThumbDrive			
Alarm				
Alarm Input	× 4, Terminal Block (TTL)	× 8, Terminal Block (TTL)	× 16, Terminal Block (TTL)	
Alarm Relay Output	× 2, Terminal Block, 3.0A / 30 VDC or 3.0A / 125 VAC	× 2, Terminal Block, 3.0A / 30 VDC or 3.0A / 125 VAC	× 3, Terminal Block, 3.0A / 30 VDC or 3.0A / 125 VAC	
Alarm Detection	N.C. / N.O., Programmable			
Motion Detection	16 × 12 Grid Array, Sensitivity, Trigger level adjustable			
Video Loss Detection	Programmable			
Communication				
Network Connectivity	RJ-45, 10/100/1000 Mbps Ethernet			
Compatible IP Cameras	DynaColor, Axis, Sony, ACTi, Vivotek, Sanyo			
Remote Control Software	DynaGuard™ CMS, DynaRemote™ ^①			
Remote Operation	Monitoring, Playback, Recording, System setup, Dome camera control, Archiving			
RS-232C	D-SUB 9 pin male			
RS-485	Terminal Block			
Dome Camera Control Protocol	DSCP, Pelco P, Pelco D, AD422, Fastrax 2, Panasonic, JVC			
General				
Unit Dimension (W × H × D)	440 × 90 × 413 mm (17.3 × 3.54 × 16.3 inches)			
Unit Weight	7 Kg (15.42 lbs) with DVD+RW			
Package Dimension (W × H × D)	563 × 197 × 521 mm (22.17 × 7.76 × 20.51 inches)			
Package Weight	10 Kg (22.03 lbs)			
Operation Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)			
Relative Humidity	10% ~ 90%, Non-condensing			
Power Consumption & Input	AC 100 ~ 240V, 50-60 Hz, 200W			

Product specification and availability subject to change without notice. Certain product names mentioned herein may be trade names and / or registered trademarks of their companies.

Remark ①: DynaRemote™ Software Requirements:

Windows 2000, XP or Vista, Intel® Pentium® M 1.40GHZ or faster, 512 MB RAM (1 GB RAM or above is recommended), Microsoft® Internet Explorer 6.0 SP2, LAN or Internet connection.