

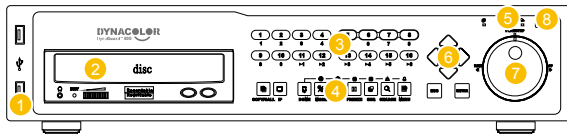
## H.264 DVR

## network DynaGuard™ 600 II Series



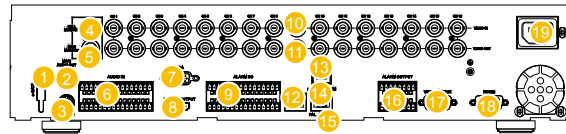
Premium H.264 Hybrid DVR

## Front Panel



- 1 USB 2.0 Ports
- 2 DVD/RW or Cartridge\*
- 3 Channel Keys
- 4 Function Keys
- 5 LEDs
- 6 Direction Keys
- 7 Jog / Shuttle
- 8 Power Key

## Rear Panel



- 1 eSATA Port (reserved)
- 2 Main Audio Output
- 3 S-Video Output
- 4 Call Monitor Output (BNC)
- 5 Main Monitor Output (BNC)
- 6 Audio Input
- 7 VGA Output
- 8 Digital Display Output
- 9 Alarm I/O and RS-485
- 10 Video Input
- 11 Video Looping
- 12 NAS Port (reserved)
- 13 USB 2.0 Port
- 14 LAN 10/100/1000 Mbps (RJ-45)
- 15 NTSC / PAL Switch
- 16 Alarm Output
- 17 Matrix Output
- 18 RS-232
- 19 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 streams
- 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** • 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	
<b>Video</b>						
Operation System	Embedded (Linux)					
Video Standard	NTSC / PAL Switch Selectable					
Display Resolution	1920 x 1080P 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	800 x600, 1024 × 768, 1280 × 1024, 720P, 1080P pixels					
VGA Output	800 x600, 1024 × 768, 1280 × 1024, 720P, 1080P pixels					
Picture Refresh Rate	NTSC: 30 pps/per CH; PAL: 25 pps/per CH					
<b>Audio</b>						
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					
<b>Recording / Playback</b>						
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					
<b>Storage</b>						
Built-in Storage Interface	× 4 SATA for HDD and DVD+RW					
Cartridge / DVD+RW	Optional / Standard					
Export	× 3 USB 2.0 Ports, Support ThumbDrive					
<b>Alarm</b>						
Alarm Input	× 4, Terminal Block (TTL)		× 8, Terminal Block (TTL)		× 16, Terminal Block (TTL)	
Alarm Relay Output	× 2, Terminal Block, 3.0A / DC 30V or 3.0A / AC 125V		× 2, Terminal Block, 3.0A / DC 30V or 3.0A / AC 125V		× 3, Terminal Block, 3.0A / DC 30V or 3.0A / AC 125V	
Alarm Detection	N.C. / N.O., Programmable					
Motion Detection	16 × 12 Grid Array, Sensitivity, Trigger level adjustable					
Video Loss Detection	Programmable					
<b>Communication</b>						
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					
<b>General</b>						
Unit Dimension (W × H × D)	440 × 90 × 450 mm (17.3 × 3.54 × 17.7 inches)					
Unit Weight	7 Kg (15.42 lbs ) with DVD+RW					
Package Dimension (W × H × D)	563 × 197 × 558 mm (22.17 × 7.76 × 22 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 SP2, Vista or Win 7, Intel® Pentium® M 1.40GHZ or faster, 512 MB RAM (1 GB RAM or above is recommended), Microsoft® Internet Explorer 6.0, LAN or Internet connection.