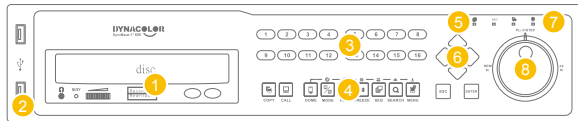


H.264 Hybrid DVR

network DynaGuard™ 600 Series

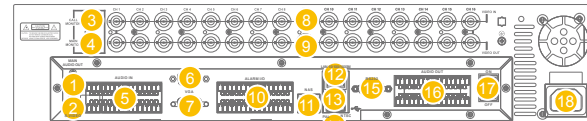


Front Panel



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

Rear Panel



- 1 Main Audio Output
- 2 S-Video Output
- 3 Call Monitor Output (BNC)
- 4 Main Monitor Output (BNC)
- 5 Audio Input
- 6 VGA Output
- 7 Digital Display Output
- 8 Video Input
- 9 Video Looping
- 10 Alarm I/O and RS-485
- 11 NAS Port (RJ45)
- 12 LAN 10/100/1000M (RJ45)
- 13 USB 2.0 Ports
- 14 NTSC / PAL Switch
- 15 RS-232
- 16 Audio Output; *optional*
- 17 Power Switch
- 18 Power Jack

Features

Advanced Functions

- H.264 / MPEG-4 / MJPEG compression
- NEW** • Up to 8CH IP camera recording
- NEW** • Megapixel recording
- NEW** • Real-time recording
- Pentaplex operation
- NEW** • User management
- Per channel configuration
- NTP for time synchronization
- WLAN, SMS
- Built-in Pelco Coaxitron® protocol
- POS function: transaction monitoring
- NEW** • Dual streaming (DG600 T/V/U only)
- NEW** • Privacy Masks
- NEW** • Digital display output
- NEW** • Dual-gigabit LAN ports
- NEW** • 4/8/16CH audio recording
- Mobile View software (iPhone support)
- DynaRemote™ for remote monitoring
- DynaGuard™ CMS for video management

Humane Technology

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

Modular Upgrade Kits

- NEW** • T / V / U Module (DG600S only) for real-time recording
- DynaStorage™ 200 for extended recording storage
- Alarm Hub for 16CH alarm relay output
- NEW** • Audio Module for 4/8/16CH audio output
- NEW** • Matrix Module for additional call monitor and alarm relay outputs

Specification

Item	DG604S / T		DG608S / V		DG616S / T / U	
Video						
Operation System	Embedded (Linux)					
Video Standard	NTSC / PAL Switch Selectable					
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 4CH		Up to 8CH		Up to 8CH	
Outputs	BNC × 1, S-Video × 1, 1.0 Vp-p, 75 ohm					
Main Monitor	BNC × 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 × 600, 1024 × 768, 1280 × 1024 pixels					
VGA Output	800 × 600, 1024 × 768, 1280 × 1024 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						
Compression Method	H.264 (DG600S / T / V / U); MPEG-4 / MJPEG (DG600S / T)					
Recording Mode	Schedule, Alarm, Motion Detection					
Pre-alarm	Yes					
H.264	NTSC 720 × 480	S / T: Max 60 / 120 pps	S / V: Max 60 / 240 pps	S / T / U: Max 60 / 120 / 480 pps		
	PAL 720 × 576	S / T: Max 50 / 100 pps	S / V: Max 50 / 200 pps	S / T / U: Max 50 / 100 / 400 pps		
MPEG-4 / MJPEG	NTSC 720 × 480	S / T: Max 120 / 120 pps	S : Max 120 pps	S / T : Max 120 / 240 pps		
	PAL 720 × 576	S / T: Max 100 / 100 pps	S : Max 100 pps	S / T : Max 100 / 200 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					
External Storage	DynaStorage™ 200 (Gigabit LAN)					
Export	× 4 USB 2.0 Ports, Support ThumbDrive and DVD+RW					
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	15 × 11 Grid Array, Sensitivity, Trigger level adjustable					
Video Loss Detection	Programmable					
Communication						
Network Connectivity	RJ45, 10/100/1000 Mbps Ethernet					
Compatible IP Cameras	ACTi, AXIS, DynaColor, HUNT, SANYO, SONY, VIVOTEK					
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 (Manual select)					

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.