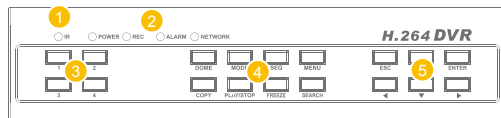


H.264 Hybrid DVR

network DynaGuard™ L80 Series

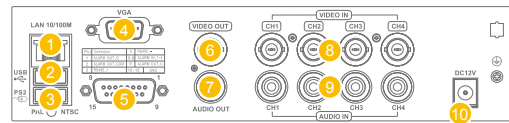


Front Panel



- ① IR
- ② LEDs
- ③ Channel Keys
- ④ Function Keys
- ⑤ Direction Keys

Rear Panel



- ① LAN 10/100M (RJ45)
- ② USB 2.0 Port
- ③ PS2 mouse port
- ④ VGA Port; *optional*
- ⑤ Alarm I/O & Audio Input & RS-485 (D-SUB)
- ⑥ Main Monitor Output (BNC)
- ⑦ Main Audio Output
- ⑧ Video Input
- ⑨ Audio Input
- ⑩ Power Jack

Features

Advanced Functions

- H.264 compression
- Quadplex operation
- NEW** • User management
- Per channel configuration
- NTP for time synchronization
- Motion detection marker
- Up to 2 internal SATA HDDs
- NEW** • 4/8/16CH audio recording
- Mobile View software (iPhone support)
- DynaRemote™ for remote monitoring
- DynaGuard™ CMS for video management
- NEW** • Dual streaming

Humane Technology

- GUI
- USB mouse (PS2 protocol); *optional*
- Control keyboard; *optional*
- IR remote control

Specification

Item	L84	L88	L86
Video			
Operation System	Embedded (Linux)		
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
Outputs	Main Monitor Call Monitor	BNC × 1, 1.0 Vp-p, 75 ohm	
VGA Output; <i>optional</i>	N / A	BNC × 1, 1.0 Vp-p, 75 ohm	
Picture Refresh Rate	800 × 600, 1024 × 768, 1280 × 1024 pixels NTSC: 30 pps/per CH, PAL: 25 pps/per CH		
Audio			
Input	RCA × 4, Line-In	D-SUB × 8, Line-In	D-SUB × 16, Line-In
Output	Main Audio Call Audio	RCA × 1, Line-Out	
Compression Method	Proprietary		
Data Rate	8 KB/s, per CH		
Recording			
Compression Method	H.264		
Recording Mode	Schedule, Alarm, Motion Detection		
Pre-alarm	Yes		
Recording Resolution & Rate	NTSC 720 × 480 720 × 240 360 × 240 PAL 720 × 576 720 × 288 360 × 288	Max 30 pps Max 60 pps Max 120 pps Max 25 pps Max 50 pps Max 100 pps	Max 60 pps Max 120 pps Max 240 pps Max 50 pps Max 100 pps Max 200 pps
Recording Quality	8 Levels Presets, Adjustable		
Image Size	1 K to 22 KB/Picture		
Storage Mode	Linear / Circular		
Data Lifetime	Yes (Programmable)		
Storage			
Built-in Storage Interface	× 2 SATA		
Export	× 1 USB 2.0 Port, Supports ThumbDrive, or DVD+RW		
Alarm			
Alarm Input	× 4, D-SUB (TTL)	× 8, D-SUB (TTL)	× 16, D-SUB (TTL)
Alarm Relay Output	× 1, D-SUB, 1.0A / 30 VDC or 1.0A / 120 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	RJ45, 10/100 Mbps Ethernet		
Remote Control Software	DynaGuard™ CMS, DynaRemote™①		
Remote Operation	Monitoring, Playback, Recording, System setup, Dome camera control, Archiving		
RS-485	D-SUB		
IR Remote	Yes		
Dome Camra Control Protocol	DSCP, Pelco P, Pelco D, AD422, Fastrax 2, Panasonic, JVC		
General			
Unit Dimension (W × H × D)	300 × 55 × 360 mm (11.8 × 2.2 × 14.2 inches)		
Unit Weight	2.3 Kg (5.1 lbs)		
Package Dimension (W × H × D)	456 × 145 × 456 mm (18.0 × 5.7 × 18.0 inches)		
Package Weight	3.8 Kg (8.4 lbs)		
Operation Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)		
Relative Humidity	10% ~ 90%, Non-condensing		
Power Consumption & Input	AC 100 ~ 240V, 50-60Hz, 60W adaptor		

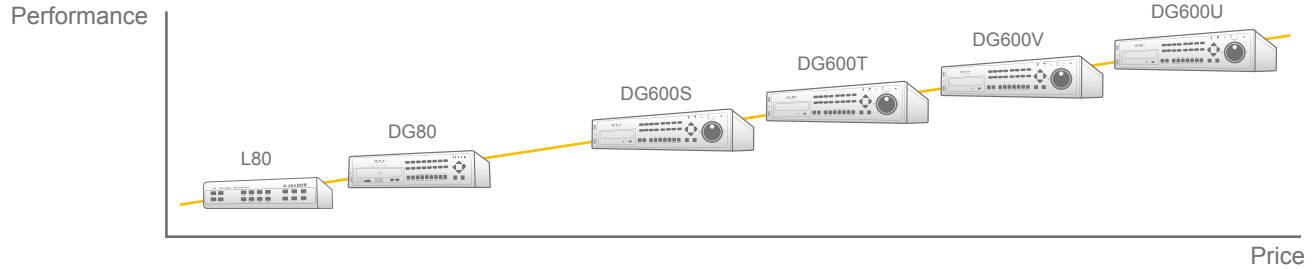
Product specification and availability subject to change without notice. Certain product names mentioned herein may be trade names and / or registered trademarks of their companies.

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.

H.264 Hybrid DVR

Value Chart



Comparison Chart

Feature	Premium H.264 DVR DG600 Series			Versatile H.264 DVR DG80 Series			Lite H.264 DVR L80 Series		
	DG616S / T / U	DG608S / V	DG604S / T	DG86	DG88	DG84	L86	L88	L84
Recording									
Recording Rate (H.264 @ D1)	60 / 120 / 480	60 / 240	60 / 120	60	60	30	60	60	30
Recording Rate (M / J @ D1)	120 / 240 / -	120 / -	120 / 120	60 (J)	60 (J)	30 (J)	-	-	-
*Compression Method	H / M / J	H / M / J	H / M / J	H / J	H / J	H / J	H	H	H
IP Camera Compatibility	8	8	4	2	2	2	-	-	-
Per Channel Configuration	●	●	●	●	●	●	●	●	●
Storage									
Max. HDDs	4	4	4	3	3	3	2	2	2
Network Attached Storage	○	○	○	-	-	-	-	-	-
Gigabit LAN Port	●	●	●	-	-	-	-	-	-
USB Ports	4	4	4	3	3	3	1	1	1
DVD Burner	●	●	●	●	●	●	○	○	○
Remote Network									
DynaRemote™ S/W	●	●	●	●	●	●	●	●	●
WLAN / SMS	●	●	●	-	-	-	-	-	-
Upgrade Kits									
Audio Module	○	○	○	-	-	-	-	-	-
Matrix Module	○	○	○	-	-	-	-	-	-
T / V / U Module	○ / - / -	○ / -	○ / -	-	-	○	-	-	-
Alarm Hub	○	○	○	○	○	○	○	○	○
UTP Module	-	-	-	○	○	○	-	-	-
VGA Module	●	●	●	○	○	○	○	○	○
Application									
DynaGuard™ CMS	●	●	●	●	●	●	○	○	○
Mobile View S/W	●	●	●	●	●	●	●	●	●
Time Synchronization	●	●	●	●	●	●	●	●	●
UPnP™	●	●	●	-	-	-	-	-	-
Dual streaming	- / ● / ●	- / ●	- / ●	●	●	●	●	●	●
Digital Display Output	●	●	●	-	-	-	-	-	-
Operation Interface									
Jog / Shuttle	●	●	●	-	-	-	-	-	-
USB Mouse	○	○	○	○	○	○	○	○	○
USB Keyboard	○	○	○	-	-	-	-	-	-
IR Remote Control	●	●	●	●	●	●	●	●	●
Compact Control Keyboard	○	○	○	○	○	○	○	○	○
GUI	●	●	●	●	●	●	●	●	●
Touch Panel	-	-	-	●	●	●	-	-	-

* : H stands for H.264 compression, M stands for MPEG-4 compression, J stands for MJPEG compression, V and U models don't support MPEG-4 and MJPEG compressions
 ● Supported ○ Optional - Not supported

The network DynaGuard™ series supports H.264 compression and Megapixel IP camera recording. It keeps all intelligent functions for managing and provides an integrated solution of recording videos from both existing analog cameras and oncoming IP cameras. With the hybrid video-in configurations, it saves the cost of replacement of camera devices in the period of IP transition.

The Central Management System, DynaGuard™ CMS, is a free bundled video management software that allows the administrator to monitor up to 64 live video channels from cameras or DVRs, to record and playback on the PC using instant or schedule recording modes, and to archive the DVR recorded video remotely.

Product Selection



DG6

Channels	HDD	Device Option	Video System
04S: 4 CH S model	000: None	0: None	P: PAL
04T: 4 CH T model	016: 160 GB	M: Cartridge	N: NTSC
08S: 8 CH S model	032: 320 GB	D: DVD+RW	
08V: 8 CH V model	050: 500 GB	A: Audio Module	
16S: 16 CH S model	064: 640 GB	T: Matrix Module	
16T: 16 CH T model	075: 750 GB		
16U: 16 CH U model	100: 1000 GB		
	150: 1500 GB		
	200: 2000 GB		



DG08

Channels	HDD	Connection	Device Option	Video System
4: 4 CH	000: None	0: BNC	0: None	P: PAL
6: 16 CH	016: 160 GB	U: UTP	M: Cartridge	N: NTSC
	032: 320 GB		D: DVD+RW	
	050: 500 GB			
	064: 640 GB			
	075: 750 GB			
	100: 1000 GB			
	150: 1500 GB			
	200: 2000 GB			



L08

Channels	HDD	Device Option	Video System
4: 4 CH	000: None	0: None	P: PAL
8: 8 CH	016: 160 GB	M: Cartridge	N: NTSC
6: 16 CH	032: 320 GB	D: DVD+RW	
	050: 500 GB		
	064: 640 GB		
	075: 750 GB		
	100: 1000 GB		
	150: 1500 GB		
	200: 2000 GB		

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