



# H.264 - 4, 8 & 16 Channel Real Time DVRs

- Efficient H.264 compression
- High resolution recording up to 704 x 480 (D1)
- Remote access via Network through web browser & DMS software
- HDMI output supports 1920 x 1080 display resolution (8 & 16 channel models)
- Pentaplex Operation: Simultaneous Live Record / Playback / Archive / Network
- Archive to CD, DVD, USB drive
- Video access through mobile devices
- USB mouse, hand held remote and USB flash drive included
- PTZ control (drivers for most popular models included)
- HDDs engineered for digital video surveillance to optimize performance and improve reliability

**3/5**  
Year  
Warranty  
3 Years on DVR/  
5 Years on Hard Disk Drive



## Specifications

Model	DR16H	DR8H	DR4H	
Operating System	LINUX			
Pentaplex Function	Simultaneous Live / Record / Playback / Archive / Network			
Video Compression	H.264 Codec (DSP Based)			
Recording Speed	400 ips (CIF)	200 ips (2CIF)	100 ips (4CIF)	
Resolution Modes	PAL: up to 704 x 576 (D1), 704 x 288 (2 CIF), 352 x 288 (CIF)			
Video Input	16 CH (BNC)	8 CH (BNC)	4 CH (BNC)	
Video Output	HDMI	MAX (1920 x 1080)	n/a	
	VGA monitor	1 VGA (1280 x 1024)	DVI / VGA (with adaptor)	
	Sub monitor	1 Composite (BNC) / 1 SVHS		
	Spot-Out	4 Analog (BNC)	2 Analog (BNC)	1 Analog (BNC)
	Loop-Out	16 CH (BNC)	8 CH (BNC)	4 CH (BNC)
Screen Division	Live Mode: 1, 4, 6, 8, 9, 16	Live Mode: 1, 4, 6, 8,	Live Mode: 1, 4	
Playback	Variable speeds up to 64x, Instant playback mode			
Search Modes	Calendar Search by Time / Date, Event Search, Panorama Search			
Motion Detection	Adjustable grid (22 x 12), 10 step sensitivity level			
Health Monitoring	Auto detects and monitors HDD problems			
Panic Recording	Overrides recording settings for best quality recording			
Audio In/Out	4 Line in (RCA) / 1 Line out (RCA), Codec:G.711 (audio synchronized with video)			
Alarm In/Out	16 IN / 16 OUT	8 IN / 8 OUT	4 IN / 1 OUT	
Storage	Up to 4 HDDs (SATA)		Up to 2 HDDs (SATA)	
Archiving	CD/DVD-RW, USB Device (HDD, DVD, Thumb Drive) & Network using AVI file			
USB Port	2 Front, 1 Rear		1 Front, 1 Rear	
PTZ Support	Supports most PTZ protocols, includes 255 presets			
PTZ & Keyboard Control	RS-485			
System Control	USB Mouse, Front button, Remote controller & Keyboard controller			
Network	LAN, DHCP, Dynamic IP, DDNS			
Power	100~220VAC, 50~60Hz		12VDC/5A	
Operating Temperature	14° ~ 104° F / -10° ~ 40° C / Humidity 10% ~ 90% (non-condensing)			
Dimensions	16.9" W x 18.1" D x 3.5" H		14.2" W x 15.3" D x 2.8" H	
Weight	16.1 lbs.		8.4 lbs.	
Remote Software	DMS Support, Web Browser, PDA Viewer, Smart Phone Compatible with <b>GanzView</b> mobile surveillance app & <b>MobileCamViewer</b> (3rd party software)			
Certifications	CE & FCC & MIC & WEEE, RoHS			

## Models

Models					
4 Channel DVR		8 Channel DVR		16 Channel DVR	
DR4H-DVD	no hard drive	DR8H-DVD	no hard drive	DR16H-DVD	no hard drive
DR4H-500	500 GB HDD	DR8H-500	500 GB HDD	DR16H-500	500 GB HDD
DR4H-1TB	1 TB HDD	DR8H-1TB	1 TB HDD	DR16H-1TB	1 TB HDD
DR4H-2TB	2 TB HDD	DR8H-2TB	2 TB HDD	DR16H-2TB	2 TB HDD
-	-	DR8H-3TB	3 TB HDD	DR16H-3TB	3 TB HDD
-	-	DR8H-4TB	4 TB HDD	DR16H-4TB	4 TB HDD

## Optional Accessories

Model	
DR-RM2	19" rack mount kit for 8 and 16 channel models
ZCA-SC201	PTZ Dome Controller (for DR16HD)

