



Premium 16 Ch. H.264 Hybrid Stand-Alone DVR

Model No.: DV-G616U (D1) / DV-G616S (half-D1) / DV-G616

Features:

- Tri-Codec Compression - H.264 / MPEG-4 / MJPEG
- Hybrid function: Support Megapixel IP camera recording or up to 8Ch IP Camera recording
- Pentaplex operation – Simultaneous Record / Live view / Playback / Backup / Network Access
- Embedded Linux operating system
- Support VGA and Digital display output (HDMI connector)
- Real-time Live view and Real-time Recording (CIF mode) for each channel
- Easy to use Graphical User Interface (GUI) or Text mode, both support USB Mouse
- Easy and flexible recording setup – Preset record configuration, ezRecord™ for quick recording setting, or per channel configuration for normal and event recording
- Support up to 4 internal SATA HDDs / 1 Optical drive + 3 HDDs
- USB2.0 ports for video clip exporting, support USB thumb drive, or other external storages
- Built-in Pelco Coaxitron Protocol; also support other PTZ camera protocols through RS485 port.
- Programmable Call-monitor switching sequence
- Export video clip in AVI or DVR format with optional electronic signature
- Web browser based Remote monitoring, recording, playback, system setup, and PTZ camera control
- Support Mobile View software
- CMS for large-scale video management
- Network supports Static IP, DHCP, PPPoE, DDNS, WLAN, SMS, and UPnP
- Dual-gigabit LAN ports, one can be a NAS port for more recording storage.
- 16 Ch Audio recording
- Built-in POS integration provides transaction monitoring.
- User Management, Two levels of password protection
- Support NTP for time synchronization
- Easy software upgrade via Network, USB thumb drive, or CD-RW
- IR Remote controller



Specifications:

Model	DV-G616U	DV-G616S	DV-G616
Video			
Input	BNC x 16, 1.0Vp-p / 75Ω		
Operation System	Linux Embedded		
Input IP devices	Up to 8ch		
Output	Main Monitor	BNC x 1, S-Video, 1.0Vp-p / 75 Ohm	
	Call Monitor	BNC x 1, 1.0Vp-p / 75 Ohm	
	Loop Out	BNC x 16, 1.0Vp-p / 75Ω	
Digital Display Output	HDMI connector, 800 x 600, 1024 x 768, 1280 x 1024 pixels		
VGA Output	D-SUB 15pin connector, 800 x 600, 1024 x 768, 1280 x 1024 pixels		
Picture Refresh Rate	NTSC: 30 fps/ch., PAL: 25 fps/ch.		
Audio			
Input	Terminal Block, x16 Line-in		
Output	RCA x 1, 1 Channel Line-Out		
Compression Method	ADPCM, G.726		
Data Rate	8Kb/s per ch		

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Specifications Continued ...

Recording				
Compression Method		H.264 / MPEG-4 / MJPEG		
Recording Mode		Schedule, Alarm, Motion		
Pre-Alarm		Yes		
Resolution & Rate	720x480	H.264: Max. 480fps	H.264: Max 120fps MPEG-4/MJPEG: Max 240fps	H.264: Max 60fps MPEG-4/MJPEG: Max 120fps
	720x240	H.264: Max. 480fps	H.264: Max. 120fps MPEG-4/MJPEG: Max 240fps	H.264: Max 120fps MPEG-4/MJPEG: Max 120fps
	360x240	H.264: Max. 480fps	H.264: Max. 240fps MPEG-4/MJPEG: Max 480fps	H.264: Max 120fps MPEG-4/MJPEG: Max 240fps
Recording Quality		8 levels presets, adjustable		
Storage Mode		Linear/Circular		
Data Life Time		Programmable		
Playback				
Playback		Play, Stop, Pause, Single Frame, Rewind, Forward, Search		
Playback Speed Adjustment		1x, 2x, ..., 32x		
Retrieve		Date/Time, Calendar, and Event		
Storage				
Build-in Storage		SATA x 4, up to 3 devices: HDD / CD-RW / DVD+RW		
External Storage		NAS through Gigabit LAN		
Export		USB 2.0 x 4, support ThumbDrive, CD-RW, or DVD+RW		
Alarm				
Alarm Input		X16, Terminal Block		
Motion Detection		16 x 12 Grid Array, Sensitivity, Trig level adjustable		
Alarm Detection		N.C./N.O., Programmable		
Video Loss Detection		Programmable		
Alarm Relay Output		x2, Terminal Block		
Communication				
Network Connectivity		Ethernet RJ45, 10/100/1000Mbps, support DHCP/PPPoE/DDNS/WLAN/SMS/UPnP		
Compatible IP Camera		SONY, AXIS, ACTi, Vivotek, SANYO, Dynacolor		
Remote Control Software		CMS(Central Management Software), Web-Browser based Software		
Remote Operation		Monitor, Playback, Recording, System Setup, Dome Camera Control, Archive		
RS-232C		D-SUB 9 pin, Ready for POS integration		
RS485		Terminal Block		
PTZ Control Protocol		Pelco D, Pelco P, Fastrax 2, Panasonic, DSCP, AD422, JVC		
Pelco Coaxitron Protocol		Yes		
General				
Power Input & Consumption		AC 100~240V, 50~60Hz, 200W		
Operation Environment		0°C ~ 40°C (32°F ~ 104°F); 10% ~ 90% Relative Humidity, Non-condensing		
Weight		7Kg (15.42 lbs), exclude hard drives		
Dimension (W x H x D)		440 x 90 x 413mm (17.3 x 3.54 x 16.3in)		

Design and specifications are subject to change without prior notice.