speco technologies®

GS Hybrid DVR with Full D1 Recording

D24GS 24 Channel DVR with Digital Deterrent™
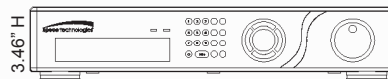
D32GS 32 Channel DVR with Digital Deterrent™

HYBRID · **DIGITAL DETERRENT** · **2-WAY AUDIO** · **EZ SEARCH** · **EZ WIZARDS** · **S.M.A.R.T.**

Storage	500GB – 8TB	
D24GS500	D24GS6TB	D32GS2TB
D24GS1TB	D24GS8TB	D32GS4TB
D24GS2TB	D32GS500	D32GS6TB
D24GS4TB	D32GS1TB	D32GS8TB

16.9" W x 19.3" D

3.46" H

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Features

EZ Setup: for quick system setup
EZ Network: for quick set-up on a network
EZ Search: quickly search events from thumbnails
EZ Record: quickly setup recording resolutions and recording type
EZ Copy: auto copy what you are playing onto a USB flash drive

- H.264 video compression
- Full D1 real time recording
- Optimized for full HD surveillance
- Expanded video display options - HDMI support
- Storage expansion via eSATA and iSCSI
- D24GS: 8 analog channels + 16 IP channels
- D32GS: 16 analog channels + 16 IP channels
- ONVIF support*
- Rack mountable (hardware included)
- 3 year warranty

Monitoring
- Up to 5 monitors connectable simultaneously
- 16 ch display for every monitor including spot monitor
- Full HD (1920 x 1080p) resolution support
- Various screen formats for Full HD and standard monitors
- On-Live Playback (Triplex)
- Data archiving support
- User Access: up to 10 concurrent users

Record / Search
- Various recording modes: Continuous, Motion, Alarm, Pre/Post-Event, Panic
- Easy record scheduling
- Various searching modes: Date/Time, Calendar, Time Bar, Event, Motion, Alarm, Text-In
- Disk mirroring, data archiving support
- Various actions (PTZ preset, record cameras, alarm, save image) configurable

External Device
- External hard drives attachable via eSATA port
- iSCSI support
- Remote keyboard support
- Various PTZ protocol support (60+)
- Free Speco DDNS service for use with dynamic IP addresses

- MAC® software provides live view and playback*
- Simultaneous live view or playback while continuing to record, network transfer
- SNS communication alert via Twitter™

External Device (cont.)
- Remote monitoring, recording, playback, change system settings and camera control via network and/or Internet
- Real time live display
- IR remote control included - individually control up to 16 DVRs
- Multiple analytics such as museum search and advanced motion detection frame rate & picture quality or globally via EZ record
- Easy software upgrade via Network or USB flash drive
- Configurable per channel normal and event recording
- Full system monitoring
- Email notification of alarm events
- Per channel built-in PTZ camera protocol including Pelco D
- Automatic camera detection (Plug & Play)
- Digital zoom in live mode and playback
- Covert camera operation provides enhanced security and administrator control
- Hard drive status monitoring
- USB mouse supported (not included)
- Multiple language on-screen menus
- Playback while watching live on same monitor
- Up to 30 minutes pre-alarm recording
- Up to 30 minutes post-alarm recording
- Concurrent User Connections: Admin (2) / Watch (10) / Search (2)
- USB mouse supported (not included)
- Password to secure installation with configurable user authentication levels
- MAC® & PC compatible software included
- SecureGuard™ Plus compatible

Free Apps with support for view on most smart devices
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Available on the **App Store** · ANDROID APP ON **Google play** · **BlackBerry.** · Twitter · **ONVIF**

Optional Accessory

IRRPTKIT
IR Repeater Kit

Model Name	D24GS	D32GS
Video Inputs	8 BNC	16 BNC
Video Outputs	Primary: 1 HDMI, 1 VGA (HD), 1 BNC (SD)	Primary: 1 HDMI, 1 VGA (HD), 1 BNC (SD)
	Secondary: 1 VGA (SD), 1 BNC (SD)	Secondary: 1 VGA (SD), 1 BNC (SD)
	Spot: 1 BNC (8CH)	Spot: 1 BNC (16CH)
Looping Outputs	8 BNC	16 BNC
Display Resolution	HD: 1920 x 1080 . SD: 720 x 480	

RECORD & PLAYBACK		
Compression	H.264	
Recording Rate	240 fps @ CIF / 240 fps @ 2CIF / 240 fps @ D1	480 fps @ CIF / 480 fps @ 2CIF / 480 fps @ D1
Playback Rate	240 fps @ CIF	480 fps @ CIF
Recording Mode	Time-Lapse, Event, Pre-Event (up to 30 min), Panic	
Search Mode	Date/Time, Record Table, Calendar, Event, Motion, Museum	

SYSTEM		
Operating System	Embedded Linux	
Storage	Max. 4 HDD + eSATA	
Data Export	USB (HDD, Flash Drive), SATA DVD_RW	
Data Backup	Archiving, Mirroring	

NETWORK		
Connection	2 x Gigabit Ethernet	
Protocols	Manual, ADSL, DHCP, DVRNS	
Remote Software	Speco Central, Speco Remote (Internal, External)	
Max. Transmission Rate	120 fps @ CIF	

INTERFACE		
Audio In / Out	RCA 8 / 1 + 1 HDMI	RCA 16 / 1 + 1 HDMI
Alarm In / Out	16 / 4	
Serial Interface	RS232, RS485	
External Interface	2 x USB 2.0, eSATA	
User Interface	Front Buttons, Mouse, IR Remote Control, Remote Keyboard (Jog/Shuttle)	

OTHER		
Dimensions (W x H x D)	16.9" (W) x 3.46" (H) x 19.3" (D)	
Operating Temperature	41° F – 104° F	
Operating Humidity	0% – 90%	
Power	AC100 - 240 V- 50/60 Hz, 2.0 - 1.0A	
Approvals	FCC, UL, CE, CB, KCC, KC, PSE	

HYBRID		
Max. Channels	16CH x 2MP	
Supporting Products	ONVIF, OnSIP	
Megapixel Camera Support	Up to 2MP (max 16ch x 2MP under 70ips@2MP capacity)	
Display Rate	CIF: 480ips (NTSC or progressive)	
	2CIF: 240ips (NTSC or progressive)	
	4CIF: 120ips (NTSC or progressive)	
	1MP: 48ips (progressive) (1HD = 2.5 x 4CIF)	
	2MP: 24ips (progressive) (1HD = 5 x 4CIF)	
Playback Rate	CIF: 480ips (NTSC or progressive)	
	2CIF: 240ips (NTSC or progressive)	
	4CIF: 120ips (NTSC or progressive)	
	1MP: 48ips (progressive) (1HD = 2.5 x 4CIF)	
	2MP: 24ips (progressive) (1HD = 5 x 4CIF)	
Recording Rate	CIF: 140ips (NTSC or progressive)	
	2CIF: 130ips (NTSC or progressive)	
	4CIF: 110ips (NTSC or progressive)	
	1.3MP/720p: 110ips (progressive)	
	1080p: 70ips (progressive)	

Please note that specifications and unit exterior design are subject to change without notification.