

Hi-Def Mobile Digital Video Recorder Specifications



G4-304SD₁



G4-504HD₂



G4-508HD₄



G4-304SD_{1α}

Function Overview

		G4-304SD ₁	G4-504HD ₂	G4-508HD ₄	G4-304SD _{1α}
Video	Video Channels	4 channels analog + 1 channel IP	4 channels analog + 2 channel IP	8 channels analog + 4 channel IP	4 channels (AHD or NTSC Analog) configured in pairs. 1 IP channel
	Output	1 channel	1 channel	2 channel	1 channel
	Video Compression	H.264	H.264	H.264	H.264
Video Resource	Video Quality	User Configurable	User Configurable	User Configurable	User Configurable (1 to 9)
	Video System Resolution	NTSC/PAL 75 OHM	NTSC/PAL 75 OHM	NTSC/PAL 75 OHM	NTSC/PAL 75 OHM
	Resolution	DIGITAL: Camera Dependent NTSC: WD1 (928x480), WHD1 (928x240), WCIF (464x240) D1 (704x480), HD1(704x240), CIF (352x240) PAL: WD1 (928x576), WHD1 (928x288), WCIF (464x288) D1 (704x576), HD1 (704x288), CIF (352x288) PAL: 4X25 FPS WD1 NTSC: 4X30 FPS WD1 + 1 IP camera up to 30FPS	DIGITAL: Camera Dependent NTSC: WD1 (928x480), WHD1 (928x240), WCIF (464x240) D1 (704x480), HD1(704x240), CIF (352x240) PAL: WD1 (928x576), WHD1 (928x288), WCIF (464x288) D1 (704x576), HD1 (704x288), CIF (352x288) PAL: 4X25 FPS WD1 / NTSC: 4X30 FPS WD1 + 2 IP cameras up to 30FPS each	DIGITAL: Camera Dependent NTSC: WD1 (928x480), WHD1 (928x240), WCIF (464x240) D1 (704x480), HD1(704x240), CIF (352x240) PAL: WD1 (928x576), WHD1 (928x288), WCIF (464x288) D1 (704x576), HD1 (704x288), CIF (352x288) PAL: 8X25 FPS WD1 / NTSC: 8X30 FPS WD1 + 4 IP cameras up to 30FPS each	DIGITAL: Camera Dependent - up to 1080p AHD: 720p (1280X720), WD1 (928X480), WHD1 (928X240), WCIF (464X240), D1 (704x480), HD1 (704x240), CIF (352x240) NTSC: WD1 (928X480), WHD1 (928X240), WCIF (464X240), D1 (704x480), HD1 (704x240), CIF (352x240) PAL: WD1 (928x576), WHD1 (928x288), WCIF (464x288) MDVR has resources to support up to 480 CIF frames per second
On Screen Display	User configurable	User configurable	User configurable	User configurable	User configurable
Video Streams	Dual Streaming	Dual Streaming	Dual Streaming	Dual Streaming	Dual Streaming
Audio	Audio Channels	4 analog channels and 1 via IP	4 analog channels and 2 via IP	8 analog channels and 4 via IP	4 analog channels and 1 via IP
	Output	1 channel	1 channel	2 channel	1 channel
Storage	Audio Compression	ADPCM	ADPCM	ADPCM	ADPCM
	Storage	Supports Dual SD Cards: 32GB, 64GB, 128GB	Drive: 500GB, 1TB, 2TB, 256GB SSD and 480GB SSD 1 SD CARD: 32GB, 64GB, 128GB	Drive: 500GB, 1TB, 2TB, 256GB SSD and 480GB SSD 1 SD CARD: 32GB, 64GB, 128GB	Supports Dual SD Cards: 32GB, 64GB, 128GB
Recording	Record Trigger	Schedule, alarms, sensor triggers (includes ignition)	Schedule, alarms, sensor triggers (includes ignition)	Schedule, alarms, sensor triggers (includes ignition)	Schedule, alarms, sensor triggers (includes ignition)
	Prerecording	0 to 60 mins	0 to 60 mins	0 to 60 mins	0 to 60 mins
	Post Recording	Max 30 mins	Max 30 mins	Max 30 mins	Max 30 mins
Playback	File size	15 min of video	15 min of video	15 min of video	15 min of video
	DVR Video Playback	1 channel local Up to 4 channels using G4 Viewer Plus	1 channel local Up to 6 channels using G4 Viewer Plus	1/4 channel local Up to 12 channels using G4 Viewer Plus	1 channel local Up to 4 channels using G4 Viewer Plus
	Search Method	Date/Time, channel, event	Date/Time, channel, event	Date/Time, channel, event	Date/Time, channel, event
Network	Backup Mode	USB	USB	USB	USB
	Ethernet	RJ 45 port (10/100M) Optional	RJ 45 port (10/100M) Optional	RJ 45 port (10/100M) Optional	RJ 45 port (10/100M) Optional
	Cellular	external 3G or 4G cellular module	external 3G or 4G cellular module	external 3G or 4G cellular module	external 3G or 4G cellular module
Power	WiFi	Optional 802.11N 5GHz	Optional 802.11N 5GHz	Optional 802.11N 5GHz	Optional 802.11N 5GHz
	GPS	Location, speed, Time Sync	Location, speed, Time Sync	Location, speed, Time Sync	Location, speed, Time Sync
	Input	8 to 36v	8 to 36v	8 to 36v	8 to 36v
Physical	Output	5v at 1 amp	5v at 1 amp	5v at 1 amp	5v at 1 amp
	Consumption	29w recording - with no cameras or accessories	29w recording - with no cameras or accessories	29w recording - with no cameras or accessories	29w recording - with no cameras or accessories
	Standby Current	<1 mA @ 12.6v	<1 mA @ 12.6v	<1 mA @ 12.6v	<1 mA @ 12.6v
Environmental	Dimensions with Cable Cover	11.3" x 6.8" x 2.5" (290mm x 175mm x 64mm)	11.5" x 6" x 3.5" (280mm x 150mm x 80mm)	11.5" x 7" x 3.25" (290mm x 180mm x 80mm)	11.3" x 6.8" x 2.5" (290mm x 175mm x 64mm)
	Weight	2.4 lbs (1.09 kg)	5.6 lbs (2.5 kg)	5.6 lbs (2.5 kg)	2.4 lbs (1.09 kg)
Environmental	Operating Temperature	-40°F to 158°F (-40°C to + 70°C)	-40°F to 158°F (-40°C to + 70°C)	-40°F to 158°F (-40°C to + 70°C)	-40°F to 158°F (-40°C to + 70°C)
	Operating RH	Below 90% non-condensing	Below 90% non-condensing	Below 90% non-condensing	Below 90% non-condensing

Safety, Security and Tracking Solutions

GATEKEEPER SYSTEMS INC.

