



TWELVE-CHANNEL 1080P HD RECORDER

The 508HD4a is a powerful high definition recorder that delivers 1080P recording resolution on all twelve channels. Adjusting frame rate, resolution, and quality settings provides you with the flexibility to choose the quality and amount of data you want recorded. Up to eight HD channels and four IP channels round out your camera input channels.

With integrated audio on every channel plus video, GPS, and vehicle sensors all synchronized to time and date, you are provided with a total operating picture that saves you time, and enables you to quickly review and manage incidents.

GATEKEEPER

508HD4a RECORDER

FULL COVERAGE
12 CAMERA SYSTEM
SMART TECHNOLOGY



KEY FEATURES

- Hard Drive up to 2TB and SD card up to 256GB
- Power Stabilization System to protect data
- Integrated sensors and GPS
- Dual Streaming – records high resolution while transmitting lower resolution stream
- 3 Year Warranty

1080P HIGH DEFINITION DIGITAL VIDEO RECORDER

GATEKEEPER

Gatekeeper Systems Inc.
301-31127 Wheel Avenue
Abbotsford, BC V2T 6H1
Canada

Gatekeeper Systems USA Inc.
7-200 Rittenhouse Circle East
Bristol, PA 19007
United States

VIDEO

VIDEO CHANNELS (ANALOG)	8 channels (AHD 1080p or NTSC Analog)
VIDEO CHANNELS IP OUTPUT	4 IP channel (1080p) 1 channel
VIDEO COMPRESSION	H.264
VIDEO QUALITY	User Configurable (1 to 8)
VIDEO SYSTEM RESOLUTION	NTSC/PAL 75 OHM IP: Camera Dependent - up to 1080p AHD: 1080p (1920x1080), 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)

RECORD RESOURCES	30 FPS x 8 channels @ WD1 plus 30 FPS x 4 channels for IP camera 30 FPS x 8 channels @ 720p (AHD) plus 30 FPS x 4 channels for IP camera 15 FPS x 8 channels @ 1080p (AHD) plus 30 FPS x 4 channels for IP camera
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ON SCREEN DISPLAY VIDEO STREAMS	User configurable Dual Streaming
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AUDIO

AUDIO CHANNELS OUTPUT	4 analog channels and 1 via IP
AUDIO COMPRESSION	1 channel ADPCM

STORAGE

Removable Hard Drive - up to 2TB HD or SSD
Single SD Card: 32GB, 64GB, 128GB, 256GB

RECORDING

RECORD TRIGGER	Schedule, alarms, sensor triggers (includes ignition)
PRE RECORDING	0 to 60 mins
POST RECORDING	Max 30 mins

PLAYBACK

DVR VIDEO PLAYBACK	1 channel local Up to 5 channels using G4 Viewer Plus
SEARCH METHOD	Date/Time, channel, event
BACKUP MODE	USB

NETWORK

ETHERNET	RJ45 port (10/100M)
CELLULAR	Optional external 3G or 4G cellular module
WIFI	Optional 802.11ac 5GHz
GPS	Location, Speed, Time Sync

POWER

INPUT	DC 8v to 36v
OUTPUT	5v @ 500mA & 12v@500Ma
CONSUMPTION	48w MAX
STANDBY CURRENT	<1 mA @ 12.6v

PHYSICAL

DIMENSIONS WITHOUT CABLE COVER	11.6" L x 8.8" W x 3.5" H 295mm L x 222mm W x 89mm H
DIMENSIONS WITH CABLE COVER	14.4" L x 8.8" W x 3.5" H 365mm L x 222mm W x 89mm H

WEIGHT

5.7 lbs. (2.6 kg)

ENVIRONMENTAL

OPERATING TEMPERATURE	-40°F to 158°F (-40°C to + 70°C)
OPERATING RH	Below 90% non-condensing

VIEWING SOFTWARE

G4 Viewer Plus

