



SIX-CHANNEL 1080P HD RECORDER

The 504HD2a gives you the ability to add up to four analog or analog high definition cameras, and up to two IP cameras recorded at full frame rate to ensure you don't miss any detail due to quick passenger movement.

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

504HD2a RECORDER

6 CAMERA HYBRID SYSTEM
EXPANDABLE STORAGE
SECURED DATA



KEY FEATURES

- 6 camera hybrid high definition digital recorder
- 4 Channels support 960H resolution standard and 2 Camera HD IP 1080p
- Power Stabilization System protects data
- Dual Streaming – records high resolution while transmitting lower resolution stream
- 3 Year Warranty
- Hard Drive up to 2TB and SD card up to 256GB

MOBILE DIGITAL VIDEO IP 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	4 channels analog + 2 channel IP
OUTPUT	1 channel
VIDEO COMPRESSION	H.264
VIDEO QUALITY	User Configurable
VIDEO SYSTEM	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)
VIDEO RESOURCE	PAL: 4x25 FPS WD1 NTSC: 4x30 FPS WD1 + 2 IP cameras up to 30 FPS each
ON SCREEN DISPLAY	User configurable
VIDEO STREAMS	Dual Streaming

AUDIO

AUDIO CHANNELS	4 analog channels and 2 via IP
OUTPUT	1 channel
AUDIO COMPRESSION	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
FILE SIZE	15 min of video

PLAYBACK

DVR VIDEO PLAYBACK	1 channel local Up to 6 channels using G4 Viewer Plus
SEARCH METHOD	Date/Time, channel, event
BACKUP MODE	USB

NETWORK

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

POWER

INPUT	8v to 36v
OUTPUT	5v at 1 amp
CONSUMPTION	
STANDBY CURRENT	<1 mA @ 12.6v

PHYSICAL

DIMENSIONS WITHOUT CABLE COVER	8.5" L x 6.0" W x 3.5" H 215mm L x 150mm W x 80mm H
DIMENSIONS WITH CABLE COVER	11.5" L x 6.0" W x 3.5" H 280mm L x 150mm W x 80mm H

WEIGHT

5.6 lbs (2.5 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

