



## RAIL CERTIFIED HD RECORDER

Gatekeeper's Y724-R meets EN 50155 certification for rail environments. In addition, it has M12 interfaces for communication ports that will allow the ability to interchange hard drive caddies between all vehicles if required.

## GATEKEEPER Y724-R

**M12 CONNECTORS  
SHOCK RESISTANT  
EN 50155 CERTIFIED**



The Y724 DVR passes MIL SPEC 810F (trucks on streets) and meets and exceeds SAE J1455 for shock and vibration. In addition, Gatekeeper has developed and subjected the Gatekeeper DVRs to custom shock and vibration profiles. These profiles were obtained by placing sensors on vehicles and recorded the shock and vibration that actual DVRs were subjected to in real world conditions.

## GATEKEEPER

[www.gatekeeper-systems.com](http://www.gatekeeper-systems.com)  
[sales@gatekeeper-systems.com](mailto:sales@gatekeeper-systems.com)  
Toll Free: 1 888 666 4833

# RAIL DIGITAL VIDEO IP RECORDER

# GATEKEEPER

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

Gatekeeper Systems USA Inc.  
221 Valley Road  
Wilmington, DE 19804  
United States

## VIDEO

VIDEO CHANNELS	16 IP, 24 IP using 8 port external switch
OUTPUT	1 channel
VIDEO COMPRESSION	H.264
VIDEO QUALITY	User Configurable
VIDEO SYSTEM	NTSC/PAL 75 OHM
RESOLUTION	DIGITAL: Camera Dependent 1080p (1920x1080), 720p (1280x720)
VIDEO RESOURCE	16 IP x 1080p @ 30 FPS 24 IP x 1080p @ 15 FPS 24 IP x 720p @ 30 FPS
ON SCREEN DISPLAY	User configurable
VIDEO STREAMS	Dual Streaming
CONNECTORS	M12

## AUDIO

AUDIO CHANNELS	16 IP, 24 IP using 8 port external switch
OUTPUT	1 channel
AUDIO COMPRESSION	ADPCM

## STORAGE

Removable drive caddy with up to 4TB of storage  
Drives: 1TB HDD, 2TB HDD, 1TB SSD, 2TB SSD  
1 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	Support local 1/4 channel playback Up to 9 channels using G4 Viewer Plus
SEARCH METHOD	Date/Time, channel, event
BACKUP MODE	USB

## NETWORK

ETHERNET	M12
CELLULAR	3G or 4G cellular module
WIFI	Optional 802.11ac 5GHz
GPS	Location, Speed, Time Sync
USB	M12

## POWER

INPUT	8 to 36v
OUTPUT	5v at 500 mA & 12v at 500 mA
CONSUMPTION	
STANDBY CURRENT	<1 mA @ 12.6v

## PHYSICAL

DIMENSIONS WITHOUT CABLE COVER	8.3" x 9.4" x 4.6" (211mm x 238mm x 116mm)
DIMENSIONS WITH CABLE COVER	12.8" x 9.4" x 4.6" (325mm x 238mm x 116mm)

## WEIGHT

9.25 lbs (4.2 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

## VIEWING SOFTWARE

MIL-STD-810G, RoHS, EN50155, ISO 16750-3

## KEY FEATURES

- MIL-STD-810G, RoHS, EN50155
- M12 Connectors
- Removable hard drive caddy with up to 8TB SSD storage
- Caddy has 2 drive slots for mirror recording SD cards up to 256GB
- Built in cooling system
- MIL SPEC 810F compliant for shock and vibration
- ISO 16750-3 certified
- Integrated lock box
- Internal hard drive suspension system