

CYL-V™

SINGLE CAMERA

AUTOMOTIVE HD VIDEO RECORDER

DV301, DV302, DV303, DV304





Video recording doesn't have to be complicated – even for fleets...



Cyl-V™ is the culmination of Rosco's 20 years of video recording experience in a package that works as well for fleet vehicles as it does for personal automobiles and performance car enthusiasts. Named after its unique cylindrical shape and what users will come to depend on as the guardian angel of their driving safety and liability protection, Cyl-V™ is a single outward facing camera offering incredible HD video and optional audio recording, which is saved to a 16 GB micro SD card.

Secured with a unique lock so that it can't be removed, tampered with, or have the SD card taken, and hardwired for automatic startup and shutdown with vehicle ignition (or even record after ignition shut-off by option), Cyl-V™ is in a class of its own. Recording time varies with video quality selected, but a minimum of 3.5 continuous hours recording at HD 720 and 30 frames per second is possible.



SPECIFICATIONS

SENSOR	3 MEGAPIXEL 1/3" CMOS
LENS	FIXED FOCUS LENS/ANGLES
Diagonal Field of View	170°
SHUTTER	ELECTRONIC SHUTTER
VIDEO RECORDING	HD 1920 x 1080, 30 FRAMES/SEC HD 1280 x 720, 60 FRAMES/SEC HD 1280 x 720, 30 FRAMES/SEC
VIDEO COMPRESSION	H.264
AUDIO	YES
STORAGE CAPACITY	UP TO 64GB MICRO SD CARD
G-SENSOR	BUILT-IN 3-AXIS G-SENSOR
OPERATING TEMP °F (°C)	- 4 to +149 (-20 to +65)
STORAGE TEMP °F (°C)	- 40 to +149 (-40 to +65)
POWER	12-24 Vdc
DIMENSIONS	RECORDER ONLY: 1.7"W x 3.7"L x 1.5"H w/ MOUNT: 2.4"W x 4.1"L x 2.5"H
WEIGHT	RECORDER ONLY: 2.9 oz (83g) w/ MOUNT & WIRING: 9.9 oz (280g)
OPERATING CURRENT	STANDBY 80mA OPERATING 220mA @12.8VDC
STANDARD COMPLIANCE	FCC: 47 CFR FCC Part 15 Subpart C 15.247: 2014 EMC: CE-RTTE EN60950-1 (2013)

The video works in a loop format and runs infinitely, replacing oldest video footage with newest. Unlike most SD card recording devices, Cyl-V™ never requires SD card reformatting. A built in accelerometer precisely calculates G-force events and highlights this video footage so that risky, distracted, or concerning behavior can be spotted immediately upon video review. Drivers are also notified of G-force or speeding event occurrences with a friendly chime and reminder that they are to avoid such actions. This real time, self-training feature is like having a safety professional sit side by side with your driver at all times, and helps all fleets comply with distracted driving laws. Post route, an optional integral GPS antenna allows the user to pinpoint and play video at specific locations on Google Maps.



CYL-V™ PLAYER

Every Cyl-V™ HD Video Recorder comes with the Cyl-V™ Player Software. The software is used to review and organize data collected from the micro SD card. The Cyl-V™ Player is also used to adjust and set the parameters for the X, Y, & Z sensor levels, time zones and speed settings. These settings can also be adjusted using the Cyl-V™ App available for download with the DV303 and DV304 Wi-Fi models. (Note: Wi-Fi models allow for non-encrypted video files to download to mobile devices.)

AVAILABLE MODELS AND FEATURES

FEATURES	DV301	DV302	DV303	DV304
FULL HD VIDEO RECORDING	◆	◆	◆	◆
3 MEGAPIXEL CMOS CAMERA	◆	◆	◆	◆
CONTINUOUS RECORDING	◆	◆	◆	◆
EVENT LOGGING	◆	◆	◆	◆
VIDEO FILE ENCRYPTION	◆	◆		
AUDIO RECORDING (ADJUSTABLE - ON / OFF)	◆	◆	◆	◆
PARKING SURVEILLANCE	◆	◆	◆	◆
G-FORCE SENSOR	◆	◆	◆	◆
PHOTO CAPTURE	◆	◆	◆	◆
DRIVER EVENT BUTTON	◆	◆	◆	◆
SECURITY LOCK w/ 2 KEYS	◆	◆	◆	◆
DATE & TIME STAMP	◆	◆	◆	◆
MICRO SD CARD (16GB)	◆	◆	◆	◆
WI-FI (APP FOR CONNECTION TO MOBILE DEVICES)			◆	◆
CYL-V MOBILE APP			◆	◆
GPS		◆		◆

RECORDING CAPACITY VS. SD CARD SIZE

VIDEO RESOLUTION OPTIONS	AUDIO ON	64GB (OPTIONAL BY USER)	32GB (OPTIONAL BY USER)	16GB (INCLUDED)
1080p (30fps)	Normal - Recording Time	9.9	5.0	2.5
	Event Only - # of Events	416	208	103
720p (60fps)	Normal - Recording Time	11.8	5.9	2.9
	Event Only - # of Events	495	248	123
720p (30fps)	Normal - Recording Time	13.9	7.0	3.5
	Event Only - # of Events	586	293	145

Video Info
Time: 5/18/2015 8:13:52 AM
G-Sensor Graph
X: 0.078 Y: 0.019 Z: 0.048

File Information
Date: 5/18/2015
File Path: J:\VIDEO\20150518_081340.MOV

For Cyl-V™ recorders equipped with the GPS option, map coordinates are stored and synchronized with Google Maps. To use this function, the PC must have an internet connection.

NEW YORK SINCE 1907



Rosco was established in 1907. For over a century, our goals have remained the same: We are committed to producing the highest quality automotive products and providing the level of service our customers have grown to expect.

Today, we supply our products to every bus and truck manufacturer in North America. Our products are designed and built in the USA. Our staff has grown to over 230 people in facilities totaling over one hundred thousand square feet.

As we move forward we have set our goals even higher. We are now certified to ISO-9001:2008. Our focus on Total Quality Management and continuous improvement will keep our product quality at levels our customers demand.

We will strive to improve our customer service through online and other electronic resources. We will continue to develop newer and better products to serve the ever-changing needs of the marketplace of tomorrow.



A CENTURY OF AUTOMOTIVE VISION SAFETY

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