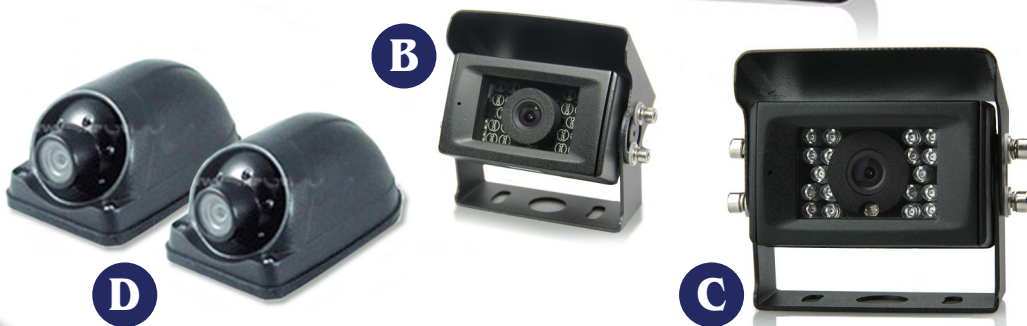


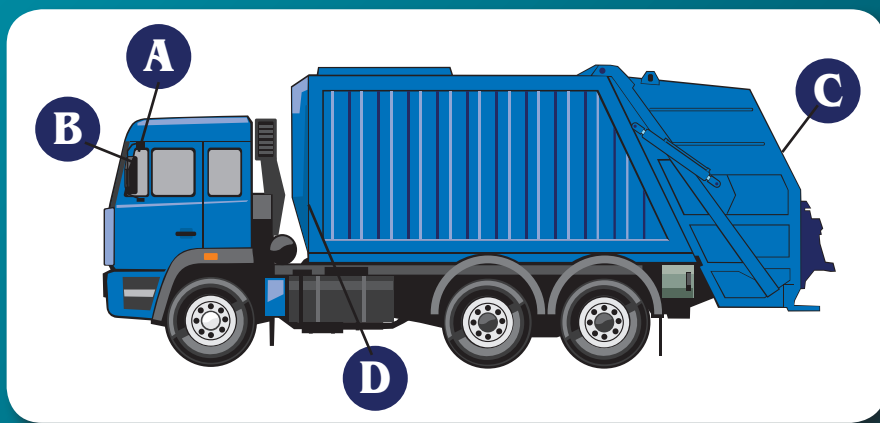
# 9" Monitor Recording System

- A** In Cab Touch Screen Monitor  
Model TMV-4CHDVRM
- B** Waterproof Front Camera  
Model TMV-18D-F
- C** Waterproof Back Camera  
Model TMV-18WPC-LT
- D** Waterproof Side Cameras  
Model TMV-SVC134



## Product Features:

- Touch Screen Control
- GPS Vehicle Tracking
- Quad View to see all sides
- Built-In G Sensor for driver behavior and vehicle maneuver monitoring
- Recording Monitor with recording time up to 568 hours
- Screen Shot Ability
- Waterproof Cameras



Touch Screen

GPS

Video

Screen Shot

Waterproof



For Complete Product Details Please See Reverse



**Our Vision is Your Safety!**

**CALL TODAY FOR A FREE ESTIMATE**

**951.413.1409**

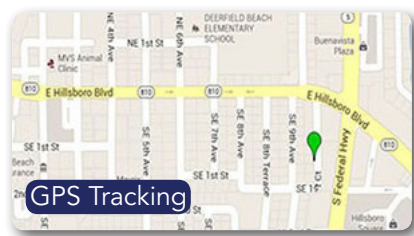
[www.TopMobileVision.com](http://www.TopMobileVision.com)

2220 Eastridge Avenue, Suite O • Riverside, CA 92507

## Our Warranty Includes:

- **FREE** Onsite Service, Parts and Labor
- **FREE** Fleet Inspections (Southern California only)
- **FREE** Camera Inspection
- Onsite Service Available in Southern California
- No Travel Time Charge in Southern California

## 9" Monitor DVR Monitor Features:



- 9-inch digital quad monitor with video recording function
- Support 4 x 128GB (micro SD card)
- Multiple recording modes like Power-on Recording, Manual Recording, Schedule Recording, Recycle Recording, G-Sensor Recording, Trigger Recording, Motion Detection Recording, Over Speed Recording and Emergency Recording
- G-Sensor trigger recording when vehicle runs into collision. Sensitivity can be adjusted.
- Trigger Record (back camera), motion detection record mode
- Over Speed Record / switch display. Above/under certain speed can trigger displaying the corresponding camera and record
- 1500mAh battery for back up power
- 9-inch resistive touch screen
- Snapshot and RTC with time stamped on photo
- Auto backlight for LCD
- Eight languages
- Single, dual, triplex, quad display mode
- 4 trigger lines (EXTRA HDMI TRIGGER)
- Menu lock function
- Reverse/turning left/turning right warning yardstick
- Automatically boot when triggered under the condition of standby and automatically switch to trigger channel
- Four cameras inputs, one external GPS input for tracking
- One video and audio output; one AUX input and one HDMI input (up to 720P)
- Short-circuit protection function

LCD Dimension	9-inches
TV System	NTSC / PAL
Resolution Ratio	800 x 3 (RGB) x 480
Brightness	400 cd/m <sup>2</sup>
Viewing Angle	160° / 140 Auto Day/Night Sensor
Recording Time	4x128G TF card supporting 164 (PAL)/144 (NTSC) hours cyclic recording for high quality. D1 Video Quality
Operation Temperature	-20 °C- 70°C, RH90% (Battery from 0-70°C)
Storing Temperature	-30 °C- +80 °C, RH90%
Consumption	Max. 30W
Input Voltage	10-32V
Video Input	4 camera video; Peak value: 1Vp-p; Impedance: 75 ohm
Audio Input	4 camera audio and 1 channel AUX audio input; Peak value: 1Vp-p; Impedance: 4.7k ohm
Video Recording File	micro SD card (maximum 4x128G)
Video Recording File Layout	MSV AVI
Loudspeaker	1W/8Ω
Compressed Format	H.264

## Night Vision, Waterproof Front and Rear View Cameras:

The CCD image sensor has better picture's clarity, color contrasting and sharpness than CMOS camera, with its 18 individual Infrared (IR) LED, it shows clear images in low light especially at night circumstances. This heavy duty CCD camera is hard metal cased, waterproof and mud proof, it's IP rating up to IP69K totally meet the most strictly environments, all aspect meet military grade applications. Also it's electronic design have been in a long term testing and make sure it can last for longer without heating up, so you can show the rearview at all time.

- Waterproof IP 69K!
- Built-in Microphone for audio monitoring
- Regular image switching For DVR system front vision recording
- 18pcs Built-in Infra-red night vision IR LEDs on rear camera
- Heavy duty and strong full alloy housing

Image Sensor:	1/4" SHARP CCD
TV System:	NTSC/PAL Optional
Effective Pixels:	NTSC: 510 x 492 pixels PAL: 500 x 582 pixels
Horizontal Resolution:	420 TV Line
Lens Angle:	120 Degree
Minimum Illumination:	0Lux (LED ON)
IR Led:	18pcs on rear camera only
Night Vision distance:	10M on rear camera only
Operating Temperature:	-20~+70 degree,RH95% Max
Lens:	f=2.5mm
Power Supply:	DC12V
N.W:	350g
Standard cable length:	80cm
IP Rating:	IP69K
Mirror/Regular image switch:	Optional
Built-in heater:	Optional
Built-in Microphone:	Yes

## Waterproof Side View Camera:

Image device:	COLOR CCD
TV System:	PAL/NTSC
Effective Pixels:	512 x 582 pixels / 512 x 492 pixels
Sensing Area:	4.9 mm x 3.7
Scanning System:	Interlace
Sync. System:	Internal
Resolution	420 TV Lines
Horizontal Sync Frequency	15.625KHz/15.734KHz
Vertical Sync Frequency	50Hz/60Hz
Minimum Illumination	0 Lux/F1.2 (with IR)
Microphone	Optional
Video Output	1.0Vp-p, 75Ω
Gamma Consumption	0.45
AGC	Auto
Signal to noise ratio	Better than 48dB
White balance	Auto
Electronic Shutter	Auto: 1/50 (PAL), 1/60 (NTSC) ~ 1/100000
Backlight Compensation	Auto
Power Supply	DC12V
Operating Temperature	-20°C ~ 70°C, RH 95% MAX
Storage Temperature	-30°C ~ 80°C, RH 95% MAX
Lens Angle	60°, 92°, 150° (deprndng on models)