

BACKUP CAMERA SYSTEM WITH MV1 CAMERA

RVS - MV1619P

REAR VIEW
SAFETY
REVERSE WITH CONFIDENCE™



This MV1 camera system is complete with a crystal clear 7" DIGITAL TFT LCD COLOR monitor which attaches to the existing rear view mirror in vehicle with mirror image capability, a 3 channel multiplexer with automatic system switch, a MT9V139 sensor, a lens with 170° viewing and with night vision and all the wires, connectors and mounts you will need. This rear view camera system is completely weatherproof with an IP68 rating, strong and reliable, shock resistant, with a 10G vibration rating and comes with a full year warranty. The MV1 camera mounts upside down usually near the license plate area and looks OEM and flush with the vehicle. The camera is very easy to install and makes hitching and backing up easy.

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REAR VIEW
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- COMPLETELY WEATHERPROOF WITH AN IP68 RATING
- ULTRA WIDE 170° VIEWING ANGLE WHICH DISPLAYS A RICH COLOR PICTURE DAY AND NIGHT
- COMPACT DESIGN - LESS THAN AN INCH IN LENGTH, WIDTH AND DEPTH
- FUNCTIONS CONTROLLED WITH THE ON-SCREEN TOUCH BUTTONS OR REMOTE



MONITOR

TYPE	TFT LCD
SCREEN SIZE	7"
DOT RESOLUTION	800 X 3 (RGB) X 480
DISPLAY FORMAT/CONTRAST	16:9 / 500:1
DISPLAY BRIGHTNESS	400CD/m ²
VIEWING ANGLE	90°
VIDEO INPUT	3 CHANNEL
VIDEO SOURCE	1VP-P, 75Ω
POWER SUPPLY	DC 9V - 32V
POWER CONSUMPTION	5W
OPERATING TEMPERATURE	-10°C ~ +65° C
VIDEO SYSTEM	AUTO NTSC/PAL
OVERALL DIMENSIONS	9.5" (L) X 4.5" (H) X 1" (D)
WEIGHT	400G
VIBRATION RATING	5G
DOT PITCH	0.192 (H) X 0.1805 (V)
SYNC SYSTEM	INTERNAL

CAMERA

SENSOR	MT9V139
SENSOR FORMAT	728 (H) X 560 (V)
PICTURE ELEMENTS	307,200 PIXELS
GAMMA CORRECTION	R = 0.45 TO 1.0
OPTICAL FORMAT	1/4 INCH
IMAGE SENSOR	480 TV LINES, PAL: 720 (H) X 576 (V) NTSC: 720 (H) X 480 (V)
LENS	2.1MM
VIEW ANGLE	170°
SYNC SYSTEM	INTERNAL SYNCHRONIZATION
WEATHERPROOF RATING	IP68
NIGHT VISION	YES
USABLE ILLUMINATION	0.5 LUX
POWER SOURCE	DC 9V - 32V
S/N RATIO	MORE THAN 48DB
ELECTRONIC IRIS	1/50, 160-1/100,000
VIDEO OUTPUT	1VP - P, 75 Ω
IR SWITCH CONTROL	CDS AUTOMATIC CONTROL
VIBRATION RATING	10G
OPERATING TEMPERATURE	-40 °C ~ +50 °C / RH 95% MAX
STORAGE TEMPERATURE	-40 °C ~ +50 °C / RH 95% MAX



Compact camera mounts flush against vehicle



System usually outlives the vehicles they are mounted on



Installation Time: 2 hour

170° Viewing Angle
Ultra wide angle



IP68 Rating
Protected against complete, continuous submersion in water



Mounts Flush Against Vehicle



Compact Design
Less than an inch in length, width and depth

Night Vision
With very little ambient light provides a great picture at night

MV1 BACKUP CAMERA

The MV1 Backup Camera is built with an MT9V139 sensor and a lens with an ultra wide viewing angle of 170°. It's tiny size (less than an inch long, wide and deep) makes it ideal for smaller vehicles and allows its installation to be virtually invisible. It mounts flush against the vehicle and with an IP68 rating is fit to operate in almost all weather conditions.

Built-In Speaker



Mirror Monitor
Mounts like a rear view mirror



Distance Grid Lines
Optional: can be switched on or off



Super Sharp Digital Image

Touch Screen Buttons

TFT LCD Display
Just one inch thin

DIGITAL COLOR MIRROR MONITOR

The 7" TFT LCD Digital Color Monitor that comes with this system attaches to or replaces the existing rear view mirror in the vehicle. This placement gives you perfect viewing of our backup cameras without taking up room on your dash. It comes with optional grid lines and an in-built speaker with all its functions controlled with the on-screen touch buttons or remote which comes included.

Video Out



Can send all video feeds to external monitor or DVR

9-32 volts



Mirror/Normal Switch

Swaps camera view between mirror & normal (select cameras only)

Brushed Aluminium

3 Channel

Can connect up to 3 cameras



MULTIPLEXER AND SYSTEM

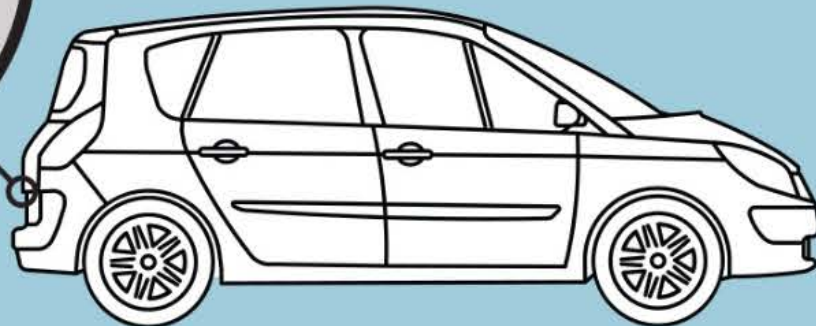
The control unit or "brains of our system is what we call the multiplexer. It powers our system, receives all camera feeds and sends them to the monitor. Its three inputs allow for multiple camera connection. This multiplexer connects straight to the fuse box, handles 9-32 volts and comes with a separate trigger wire for each camera connected.

installation

position

view angle

170°



Mounting Position - RVS-MV1

installation

position

view angle

170°



Mounting Position - RVS-MV1L

view angle

170°

position

installation



Mounting Position - RVS-MV1R