

BACKUP CAMERA SYSTEM WITH SIDE CAMERAS

RVS - 770616N

REAR VIEW
SAFETY
REVERSE WITH CONFIDENCE™



This system is complete with a crystal clear color DIGITAL 7 inch LED Digital panel monitor with distance grid lines and mirror image capability, two (2) Side CCD cameras with 120° viewing angle with 50 foot infra-red night vision, 1 heavy duty CCD 130° angle back up camera with 18 built in Infra-reds and all the wires, connectors and mounts you will need. The system is completely weatherproof with an IP69K rating, strong and reliable, shock resistant, with a 20G vibration rating (highest in the industry), and comes with a full year warranty.

System can be upgraded to the Quad View Monitor where multiple cameras can be viewed simultaneously.

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- COMPLETELY WEATHERPROOF WITH AN IP69K RATING
- 7" LED DIGITAL PANEL COLOR MONITOR WITH REMOVABLE SUNSHADE
- 2.5 MM CCD COLOR CAMERA WITH A 130° VIEWING ANGLE
- 2.1 MM CCD COLOR SIDE CAMERAS WITH A 120° VIEWING ANGLE
- SHOCK RESISTANT WITH A 20G VIBRATION AND 100G IMPACT RATING



MONITOR

TYPE	LED DIGITAL PANEL
SCREEN SIZE	7"
DOT RESOLUTION	800 X 3 (RGB) X 480
DISPLAY FORMAT/CONTRAST	16:09 / 500:01:00
DISPLAY BRIGHTNESS	400CD/m ²
VIEWING ANGLE	U:50° D:60° L/R:70°
VIDEO INPUT	3 CHANNEL CVBS
VIDEO SOURCE	1VP - P, 75Ω
POWER SUPPLY	DC 9V-32V
POWER CONSUMPTION	5W
AUDIO OUTPUT	0.5W SPEAKER
OPERATING TEMPERATURE	-20°C ~ +70°C
STORAGE TEMPERATURE	-30°C ~ +85°C
VIDEO SYSTEM	AUTO NTSC/PAL
OVERALL DIMENSIONS	7" (L) X 5.25" (H) X 1" (D)
WEIGHT	400G
IMPACT RATING	5G
DOT PITCH	0.1926 (H) X 0.1710 (V)
ACTIVE AREA	154.08(H) X 85.92(V)MM
SYNC SYSTEM	INTERNAL

RVS-770 CAMERA

CAMERA	1/3" SHARP® COLOR CCD
PICTURE ELEMENTS	410,000 PIXELS
GAMMA CORRECTION	R=0.45 TO 1.0
IMAGE SENSOR	620TV LINES
PIXEL	PAL: 752 (H) X 582 (V) NTSC: 811(H) X 507 (V)
LENS	F=2.5MM
VIEW ANGLE	130°
WATERPROOF RATING	IP69K
SYNC SYSTEM	INTERNAL SYNCHRONIZATION
INFRA-RED DISTANCE	50 FEET (18 INFRARED)
USABLE ILLUMINATION	0 LUX (IR ON)
POWER SOURCE	DC 9V-32V
S/N RATIO	MORE THAN 48DB
ELECTRONIC IRIS	1/50, 160-1/100,000SEC
VIDEO OUTPUT	1VP - P, 75Ω
IR SWITCH CONTROL	ACDS AUTOMATIC CONTROL
VIBRATION AND SHOCK RATING	20G / 100G
OPERATING TEMPERATURE	-40°C ~ +70°C / RH 95% MAX
STORAGE TEMPERATURE	-40°C ~ +85°C / RH 95% MAX

RVS-775 CAMERA

CAMERA	1/4" SHARP® COLOR CCD
PICTURE ELEMENTS	250,000 PIXELS
GAMMA CORRECTION	R=0.45 TO 1.0
IMAGE SENSOR	420TV LINES, PAL: 500 (H) X 582 (V), NTSC: 510 (H) X 492 (V)
LENS	2.1MM
VIEW ANGLE	120°
SYNC SYSTEM	INTERNAL SYNCHRONIZATION
INFRA-RED DISTANCE	30 FEET (9 INFRARED)
USABLE ILLUMINATION	0 LUX (IR ON)
POWER SOURCE	DC 9V-32V
S/N RATIO	MORE THAN 48DB
ELECTRONIC IRIS	1/50, 160-1/100,000SEC
VIDEO OUTPUT	1VP - P, 75Ω
IR SWITCH CONTROL	ACDS AUTOMATIC CONTROL
VIBRATION & SHOCK RATING	20G / 100G
OPERATING TEMPERATURE	-40°C ~ +80°C / RH 95% MAX
STORAGE TEMPERATURE	-40°C ~ +60°C / RH 95% MAX

QUICK FACT

Same camera used in hundreds of OEM applications.

STRONG

System usually outlives the vehicles they are mounted on

3h

Installation Time: 3 hours

Adjustable Sunshade 

Built In Mic 

18 Infra-Red Lights
For ultimate vision at night 

Weighs 22 Ounces
Commercial grade build 

Heavy Duty Metal 

Auto Iris Sensor
Infra-reds adjust strength based on outside light 

IP69K Rating
Protected against close range, high pressure spray downs 



BACKUP CAMERA

This 1/3" Sharp® color CCD camera is built with heavy duty zinc metal which encases the 2.5 mm Sharp® lens. It has a viewing angle of 130 degrees and 620 TV lines, which means you get the best quality image with no blind spots. The 18 infra red lights allow you to see up to 50 feet even in the darkest night and the foam around the lens guarantees no glare from these infra reds. With an IP69K rating this camera will be fit to ride out any storm and boasts a 20G vibration rating as well as aircraft grade cable connections.

Heavy Duty Zinc Metal 

120 Degree Viewing Angle 

Auto Iris Sensor
Infra-reds adjust strength based on outside light 

9 Infrareds
35ft visible at night 

IP68 Rating
Protected against complete, continuous submersion in water 

Weighs 400 Grams
Just under a pound 

Removable Mounting Bracket
Can be mounted with bracket or flush against vehicle 



SIDE CAMERA

The Side Cameras that come with our systems are made from heavy duty zinc metal and come with a 2.1 mm Sharp® CCD lens. Their viewing angle is 120° and with 9 Infrared Lights will allow you to see more than 30ft in total darkness. Its mounting bracket is removable allowing the camera to be mounted flush on the vehicle if so desired. Our Side Cameras are completely weather proof with an IP68 rating, shock resistant with a 20G Vibration Rating and come with Aircraft Grade Cable Connections.

Auto Dimming
Screen dims in low light 

Super Sharp Digital Image 

LED Digital Panel
Just one inch thin 

Removable Sunshade 

Distance Grid Lines
Optional: can be switched on or off 

Built In Speaker 

Back-lit Buttons
Buttons illuminate in the dark 



WIDESCREEN MONITOR

Our 7" LED Digital Panel Monitor comes with a Super Sharp Digital Display and a pixel resolution of 800 X 3(RGB) X 480. The distance grid lines that come standard with these monitors are optional and adjustable. It has built-in speakers and its menu can be navigated with the on dash buttons or with the remote which comes included.

Video Out
Can send all video feeds to external monitor or DVR 

9-32 volts 

3 Trigger
Separate trigger for each camera 

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.

Learn more about other cameras & driver safety products by Rear View Safety on our website.