

Rear View Camera System (With Recording Option)



Mail ID – info@srvision.in

Mobile No – 8850284393/8369201027

Web – www.srvision.in

Head Office: - Opposite Building no 153, Naidu Colony, Ghatkopar East Mumbai 400075.

Service Office: - Plot no 304/2961, Khata No 458/1462, Ward No 07, Punjabi Pada, Barbil, Dist Keonjhar, Odisha - 758035

About Us

SR Vision Enterprises delivers DGMS-compliant, technology-driven safety solutions for mining, construction, ports, and warehouses—enhancing safety, efficiency, and operational excellence even in extreme environments.

Our Vision

To deliver maximum customer value through reliable and innovative safety solutions.

Our Mission

To lead in futuristic safety products that set new benchmarks in protection and performance.



About Product



Rear-View Camera System (RVCS)

The **Rear-View Camera System (RVCS)** is an advanced vehicle safety solution designed to eliminate blind spots and enhance operator awareness in large commercial and industrial vehicles. The system consists of a **high-resolution camera** that continuously captures images from blind areas and a **monitor** that displays real-time visuals inside the driver's cabin.

The RVCS is capable of detecting **objects, vehicles, and personnel** within blind zones and provides an **uninterrupted visual feed**, enabling operators to take timely corrective actions. This significantly reduces accidents caused by limited visibility, especially in heavy vehicles with elevated driver seating positions.

Designed and implemented **as per DGMS (Directorate General of Mines Safety) guidelines**, the system meets safety requirements applicable to vehicles operating in mining and other hazardous environments. It performs reliably under **harsh conditions** such as dust, low light, vibration, and continuous operation.

The system is widely applicable in **mines, ports, manufacturing units, infrastructure and construction sites, and warehouses**, where heavy vehicle movement and blind zones pose significant safety risks. By improving visibility and compliance with DGMS safety norms, the RVCS enhances operational safety, protects manpower, and reduces equipment damage.

Specification's

01 – 7” AHD Monitor

ITEM	PARAMETER
LCD Size	7inch LED Panel
Video System	PAL/NTSC Automatic detection
Resolution	1023*RGB*600
Brightness	500 cd/m ²
View angle	L/R:70, UP:50, DOWN:70°
Video	2/3 video inputs, camera connector:4 Pin aviation
Image	16:9 wide screen
OSD language	English, Spanish, Portuguese, German, French, Italian, etc.
Image reversion	UP/Down and Left/Right
Number of triggers	Up to 2CH
Speaker	Built-In
Power Supply	12/24V
Power Consumption	5W
Operating temperature (°C)	-20~70
Storage temperature (°C)	-30~80
Dimension	180mm*121mm*26mm
Accessories	Remote Controller, Power supply cable, user manual, bracket

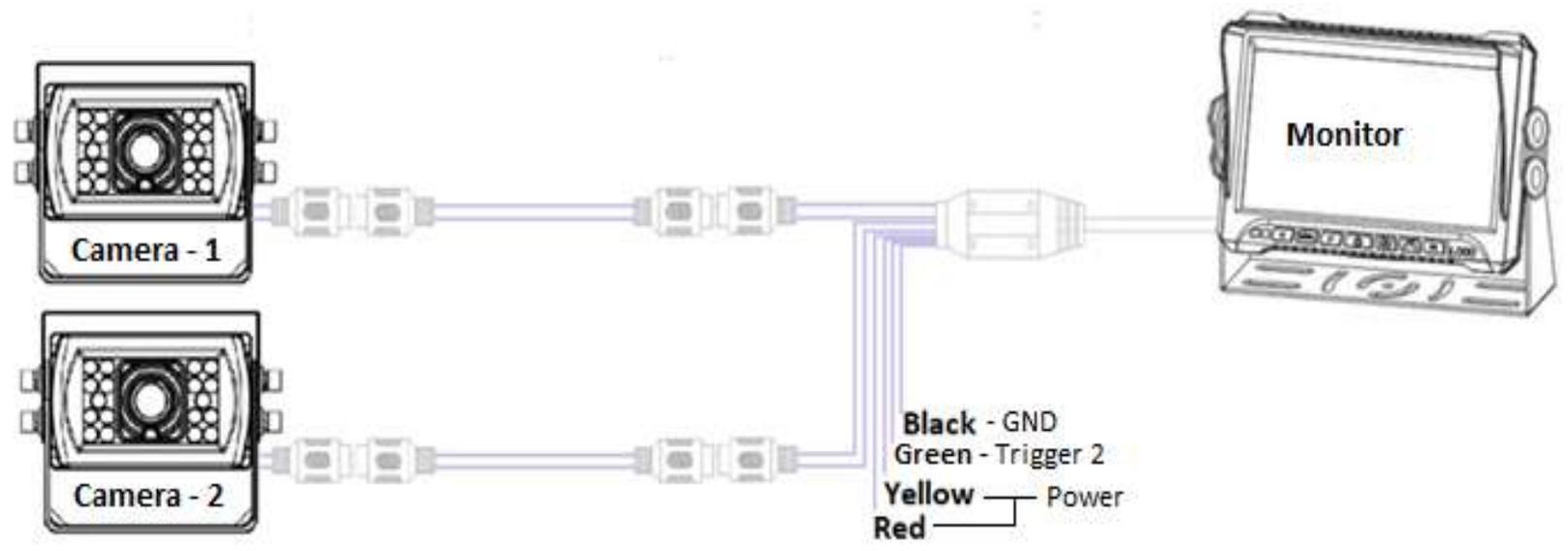


03 – 1080p Camera

ITEM	PARAMETER
Image Device	1/3" colour CMOS
Resolution	1080P
Effective Pixels	1920(H) * 1080(V)
TV System	PAL/NTSC
Minimum Illumination	0.1Lux (day),0 Lux (with IR)
Electronic Shutter	Auto
View angle	120°
Audio	Optional
Sync. System	Internal
AGC / White Balance	Auto
S/N Ratio	Better than 46dB
Backlight Compensation	Auto
Video output	1.0Vp-p, 750Ohm
Mirror/Normal	Optional
Power Supply	12/24V
operating temperature (°C)	-20 ~ 70, RH 95% MAX
Storage temperature (°C)	-30 ~ 80, RH 95% MAX



Connection Diagram



Installation Instruction

Installation Steps

The **Rear-View Camera System (RVCS)** can be installed on vehicles such as **Bus, Dumper, Tipper, Excavator, Dozer, Loader, Grader, Forklift, Reach Stacker**, etc.

Example: Dumper Installation

1. Route the extension cable along the vehicle body/chassis using **cable ties**.
2. Mount the rear-view camera at the required blind-spot location.
3. Fix the monitor mounting bracket on the dashboard using **nut and bolt**.
4. Connect the system to the power supply and test for proper operation.

