

REAR VIEW CAMERA SYSTEM

U-RVCS-KT71

INTRODUCTION

The Rear View Camera system captures the video of exactly in the rear view side of the vehicle. The camera also has an inbuilt micro phone to transmit emergency audio signals.



❏ A Rear view Camera system is a special type of camera that is produced for the purpose of being attached to the rear of the vehicle to help in backing up and avoid collision with any obstacle or human being. The design of a backup camera is distinct from other cameras in that the image is horizontally flipped so that the output is a mirror image. This is necessary because the camera and the driver face opposite directions, and without it, the camera's right would be on the driver's left and vice versa. A mirrored image makes the orientation of the display consistent with the physical mirrors installed on the vehicle. **Night vision** cameras use a series of infrared lights for backing in the dark, when the positioning or the intensity of the vehicle's white reverse lights are insufficient for this purpose.

My Vision's comprehensive range of reversing camera system is designed to prevent costly accidents, eliminate workplace injuries and save lives.

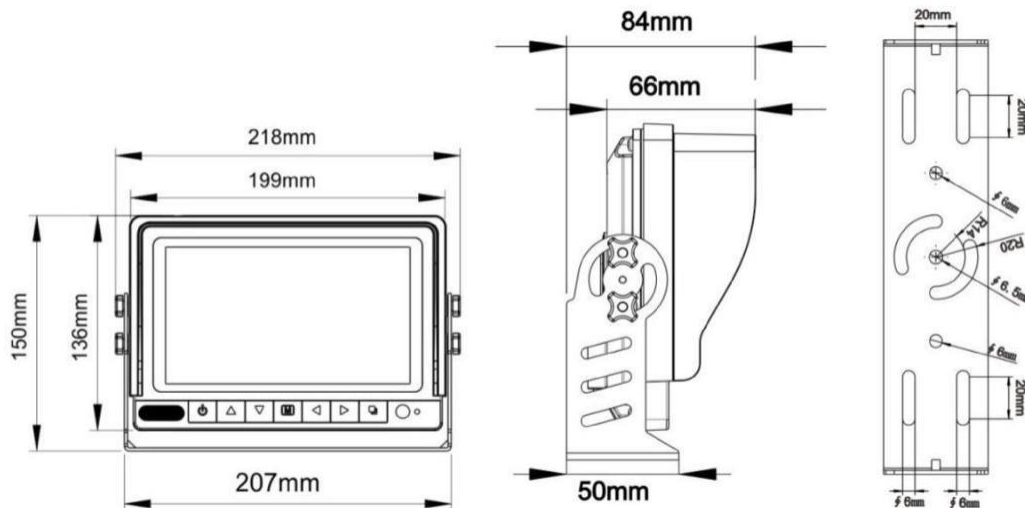
Rear View Camera system has a weather resistant night vision camera, a ruggedized monitor and water tight connectors.

For your ready reference we have highlighted below some of the salient features of the Monitor and Camera; 2 vital components of Rear Vision system.

FEATURES OF REAR VIEW CAMERA SYSTEM

- Rear View Camera system is of rugged design capable of withstanding water ingress, dust ingress, moisture and heavy vibration. □□
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- Camera is water proof/ weather proof with night vision functionality. □□
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- IC's used are of Industrial grade whereas others use commercial grade □□
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- Industrial grade IC's are much stabler than consumer grade IC's □□
- The monitor does not get effected by peak voltage. □□
- The 7.0" LCD high resolution colour monitor included with this kit provide the optimal viewing area for mobile CCTV applications. Excellent picture is assured even in low light conditions using □
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- standard color infrared camera. □□
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- The flat, widecreen monitor allows unobstrusive mounting with a large, easily viewable □
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- Voltage: 12-24 VDC □□
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- Light Sensor: Day / Night Auto Dim □□
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- Certification for Camera: CE / EMC tested □□
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- It is water proof with IP: 69k (100 bar, distance 30 cms, time 2 mins. □□

TECHNICAL DETAILS



Technical specification

Rear vision System		
Sr No.	Name	Supplier
1.0	Name	AGS, India
2.0	Manufacturer	AGS
3.0	Technical Specifications	
3.1	Technical Specifications of Camera	U-CAM-SQ01
3.1.1	Operating Voltage	12 VDC
3.1.2	Current Consumption	0.16A
3.1.3	Field of Vision	120 degree
3.1.4	Image pick-up Device	1/3" COLOUR CCD
3.1.5	Power Consumption	1.92 Watts
3.1.6	Weight	180 grams
3.1.7	Video Output	Composite
3.1.8	Length of Cable	15 meter
3.1.9	Horizontal Resolution	700 TVL
3.1.10	Minimum illumination	0 lux at night(IR LED ON)
3.1.11	Night Vision Mode	Yes(Visibility upto 15 meters)
3.1.12	Effective Pixels	NTSC:976(H)x494(V), PAL:976(H)x582(V)
3.1.13	Overall Dimensions	80x 63 x 70 mm
3.1.14	Infrared LEDs	Yes(18 Nos)
3.1.15	Shock Rating	50G
3.1.16	Vibration Rating	20G
3.1.17	Camera IP Rating	IP69K
4.1.18	Operating Temperature	-20° C to 60° C
4.1.19	Water Proof camera conforming to which Standard ?	E/CE
4.2	Technical Specifications of Monitor	U-MON-701
4.2.1	Operating Voltage	12 to 24 VDC
4.2.2	Current Consumption	0.45 A
4.2.3	Power Consumption	5 Watts MAX
4.2.4	Display Size	7" wide screen(LED backlit)
4.2.5	Interface	Digital TTL
4.2.6	Constrast Ratio	500:01:00
4.2.7	Resolution	800 X RCB X480

4.2.8	View angle(LR/UD)	140/110
4.2.9	No. of Video Inputs	2 camera capable
4.2.10	Monitor Dimensions	220 mm (W) x 149 mm (H) x 84 mm (D)
4.2.11	IP Rating	IP54
4.2.12	Weight	780 gms
4.2.13	Shock Rating	6.8G
4.2.14	Vibration Rating	10G
4.2.15	Operating Temperature	-40° C to +80° C
4.2.16	Accessories	Metal Mount Bracket

- **Additional Accessories:**

- **We also provide the additional Camera housing, Monitor Housing for extra protection at some reasonable cost.**
- **We provide proper service and installation of camera system like safe wire conduiting, proper mounting etc.**