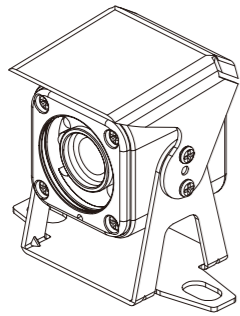










SV-660H-KIT

Owner's Manual














- 1 COMPOSITION**
- 2 INSTALLATION**
- 3 CONNECTION WIRING**
- 4 CAMERA INPUT CONNECTOR PIN DESCRIPTION**
- 5 LENS SPECIFICATION**
- 6 FEATURES**
- 7 SPECIFICATIONS**


CAUTION BEFORE USAGE

-  1. Carefully read this Owner's Manual before installing and using this product.
-  2. Product should be installed by an experienced technician.
-  3. Do not open or modify the product. Electrical shock or fire may result, and may damage a product's waterproof specification. Contact your dealer or Safety Vision Technical Support for repair assistance.
-  4. Do not drop or otherwise expose the product to extreme shocks. Damage may result.
-  5. Use regulated voltage. Safety Vision is not responsible for the application of excess voltage.
-  6. Disconnect the vehicle's power during installation, and only reapply power after the installation is complete.
-  7. Only use the supplied accessories to install the product. Safety Vision is not responsible for damage as a result of aftermarket accessories.
-  8. This product is designed for typical mobile installations. Please contact your dealer or Safety Vision Technical Support regarding atypical or special case installations.

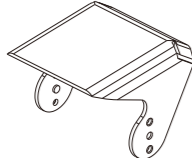
SAFETY & CAUTION DURING THE USAGE

-  1. Ensure all mounts are secure before the vehicle is in motion.
-  2. Do not operate the products immediately after exposure to extreme temperatures. Refer to the Specifications for proper operating temperatures.
-  3. Do not use if a burning smell is sensed or the product is hot to the touch.
-  4. Do not cut any cables and ensure they are properly secured and do not interfere with safe operation of the vehicle.
-  5. Ensure the camera and power cables are correctly installed as indicated in this Owner's Manual.
-  6. Firmly connect all camera extension cables to ensure a waterproof connection.
-  7. Do not obstruct the product's ventilation while in use. Overheating or fire may result.
-  8. Do not expose products to electrostatic shock.
-  9. Do not place excessive pressure on the product case.
-  10. Ensure all cable connections are free of debris before use.
-  11. Do not use solvents such as paint thinner or benzene to clean the product. To clean, disconnect power and use only a damp cloth.

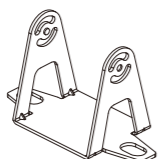
1 COMPOSITION




CAMERA




SUNSHIELD




CAMERA BRACKET (1)




MACHINE SCREW M5X16L STAINLESS (2)



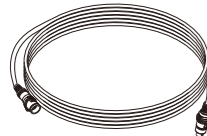
TAPPING SCREW M5X16L STAINLESS (2)



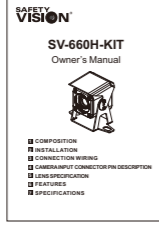
MACHINE SCREW M2X5L STAINLESS (4)



NUT M5XH5 STAINLESS (2)



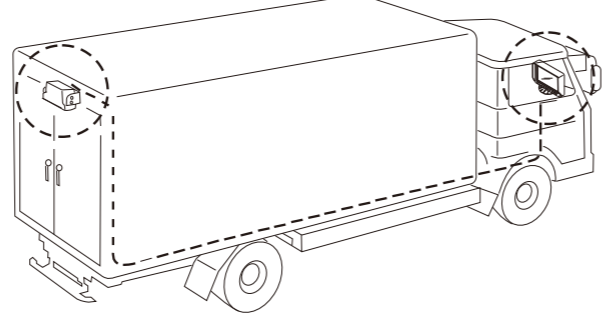
20M CABLE (1) (OPTIONAL)




INSTRUCTION MANUAL

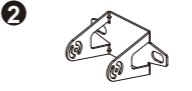
2 INSTALLATION

Install camera in a location that does not interfere with safe operation of the vehicle after checking the camera's field of view. Ask your dealer or contact Safety Vision Technical Support for advice regarding installation of different types of vehicles.





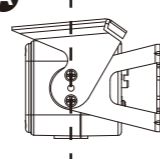
1



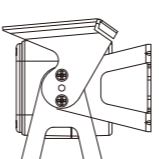
2

HOW TO ADJUST CAMERA SUNSHIELD & ANGLE

A



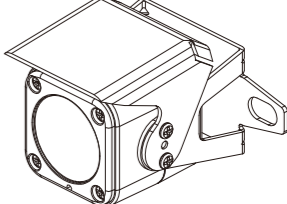
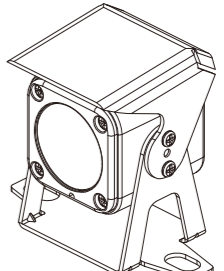
B



A. Recommended guide line for assembling sunshield.
B. User can mount bracket vertically or horizontally.

1. Install the supplied mounting bracket to the vehicle.
2. Adjust camera's field of view.
3. Adjust sunshield and firmly fasten all screws.

* Adjust sunshield angle to protect lens from sunlight.
* Fasten all screws firmly to avoid product damage during vehicle operation.

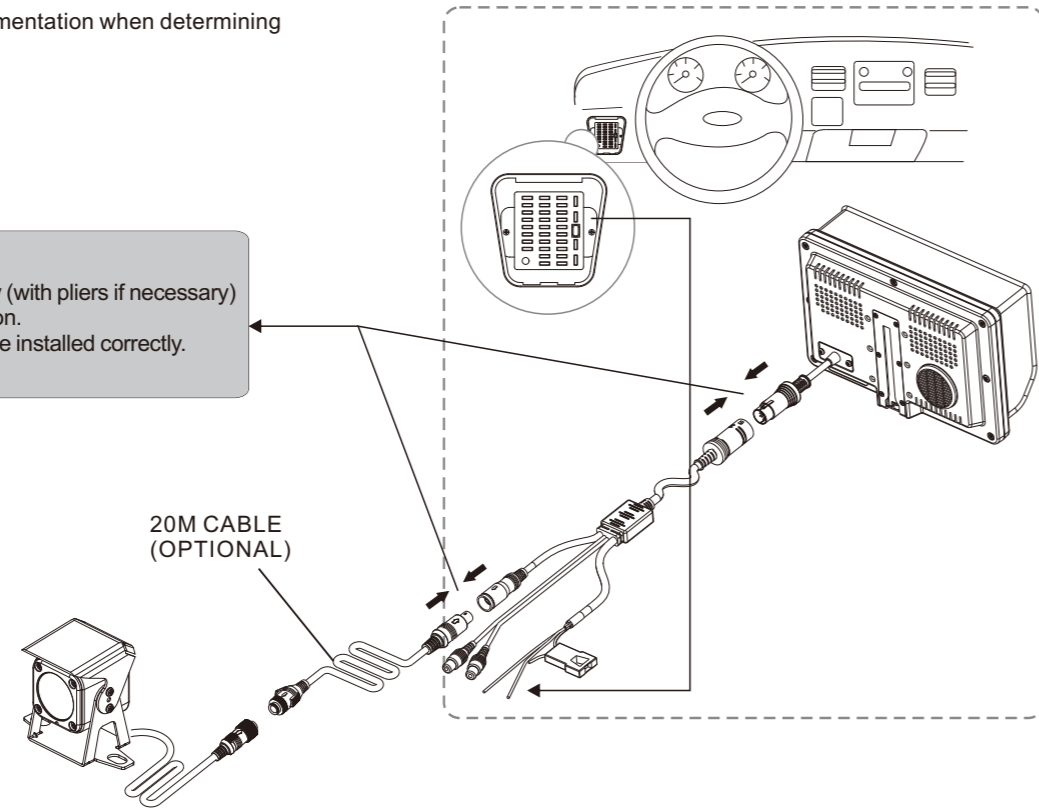



3 CONNECTION WIRING

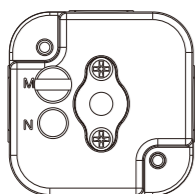
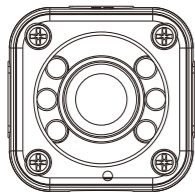
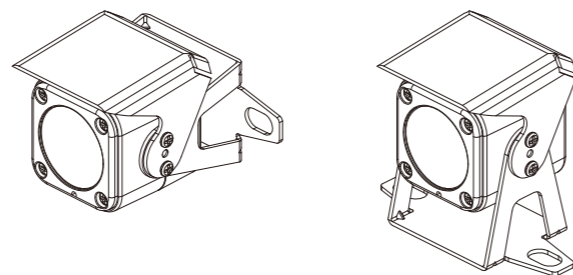
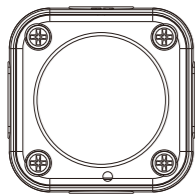
Connect camera and monitor with a appropriate length extension cable.
Connect power and ground to vehicle fusebox.

* Consult the vehicle manufacturer documentation when determining an appropriate power source.

* Secure camera cable connections firmly (with pliers if necessary) to ensure a strong, waterproof connection. Ensure male and female connections are installed correctly.

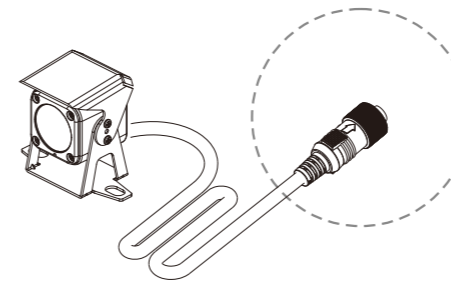


6 FEATURES

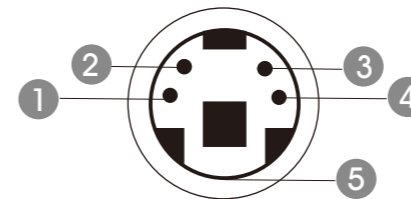


1/4" CMOS Miniature camera
Ultra Performance in Low Light
Nor/Mir Image Switching
Bulit in Microphone
Vandal Resistant
Automatic electronic iris
Extra-wide Field of View
Wide Operating Temperature Range
IP 69K

4 CAMERA INPUT CONNECTOR PIN DESCRIPTION



4P IP CONNECTER

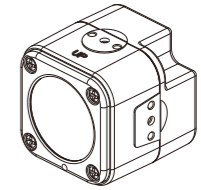


Pin No.	Description
1	Video
2	NC
3	Audio
4	Power DC 12V
5	Ground

7 SPECIFICATIONS

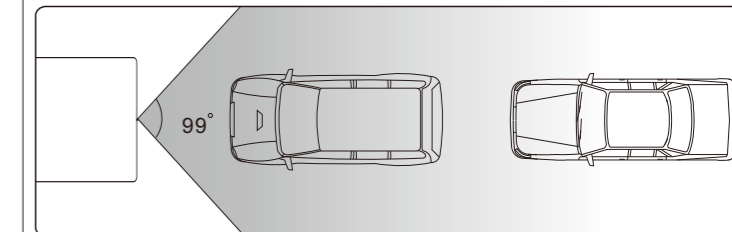
Model No.	SV-660H-KIT
Image	Interline transfer type CMOS
Picture Element	300,000 pixels
Image Size	1/4 Inch
Lens	Diagonal Angle : 140 degree Horizontal Angle : 99 degree Vertical Angle : 70 degree
Synchronization	Internal
Horizontal Resolution	More than 330TV lines
Min. Illumination	0 Lux
Signal To Noise Ratio	Better than 50dB(at AGC off)
Power Supply	DC 12V
Power Consumption	Max.0.8W
Vibration	7G
Impact	100G
IP Factor	IP 69K
Operation Temp.	-30 ℃ ~80 ℃ (-22 ℉ ~176 ℉)
Case Material	Window: Flat Glass Body: Aluminum
Weight	Approx. 94g
Dimensions	29(W) X 29(H) X 28.5(D)mm
Supplied Accesories	Camera Bracket Sunshield Screw Kits 20M Cable (Optional) Instruction Manual

5 LENS SPECIFICATION

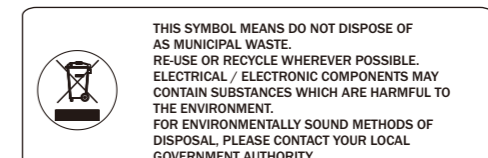
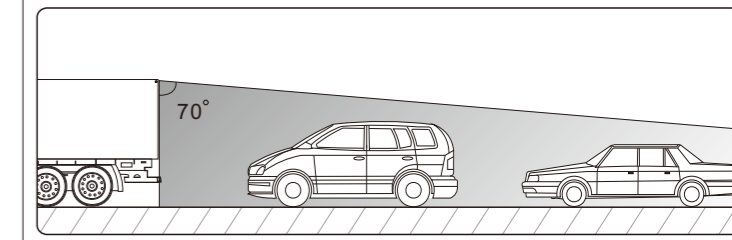


DIAGONAL ANGLE : 140 DEGREE
HORIZONTAL ANGLE : 99 DEGREE
VERTICAL ANGLE : 70 DEGREE

HORIZONTAL FIELD OF VIEW



VERTICAL FIELD OF VIEW



* Design and specifications are subject to change without notice.
* Patent registered.