

## Owner's / Installation Manual

### 1000M Performance Series Rearview Camera



#### Mounting the Camera

- 1) Select a position to mount the camera that is free of obstructions and moving parts and has a proper viewing angle of the desired area around the vehicle.
- 2) Remove the bracket and sunshield from the camera by loosening the screws using the supplied allen wrench.
- 3) Use the camera's mounting base as a template to drill mounting holes. Offset the camera cable hole from the bracket, cable hole will need to be 3/4" to use grommet on the cable to seal and prevent wire chafing. (cable end is 5/8")
- 4) Align the mounting bracket with pre-drilled holes then secure bracket with appropriate screws. (not supplied)
- 5) Route camera cable through offset pass-through hole and secure the grommet.
- 6) Reinstall the camera housing using the center screws, sunshield, then mounting bracket, then adjust to position (light sensor below camera lens is down) using the additional supplied adjustment screws and lock washers to lock them into position.

#### Maintenance

Although this Rear View Camera requires little care, you can still maintain its condition and performance by following these steps:  
\* Occasionally clean the camera lens with damp soft cloth.

Should you experience any problem with the camera please refer to the troubleshooting guide below prior to returning your camera for repair. *Note: The user should not attempt to service the unit beyond that described in the operating instructions. All other servicing should be referred to qualified personnel.*

#### Troubleshooting

Symptoms	Solutions
Cloudy Image	Clean Dirty Camera Lens
No Power / Image	Check Power Connections
Upside Down Image	Check Camera Mounting (Light Sensor is on the down side)
Unstable Image	Check Mounting Hardware and Camera Power Connection for tightness

#### Specifications

Image Sensor:	1/4" CMOS
Resolution:	648 x 488
S/N Ratio:	≥48dB
Lens Angle: Horizontal	85°
Vertical	65°
Lux:	0 Lux (led on)
TV System:	NTSC / PAL
IP Rating:	IP68
DC Power:	12V
Operating Temperature:	-30° ~ +70° C

#### Warranty and Support Information

Subject to the provisions described below, this CT product is protected for 1 year against defects in material and workmanship. Should a product fail to perform as described above within the warranted period, it will be repaired or replaced with the same or functionally equivalent product by CT. This warrant does not apply if, in the judgement of CT, the product fails due to damage from shipment, handling, storage, accident, abuse or misuse, or if it has been used or maintained in a manner not conforming to product manual instructions, has been modified in any way. Repair by anyone other than CT or an approved agent will void this warranty. The maximum liability of CT under this warranty is limited to the purchase price of the product covered by the warranty. All defective products should be returned to CT with shipping charges pre-paid. CT will not accept collect shipments.