

## Owner's / Installation Manual

### 1200A Extreme Series Rearview Camera



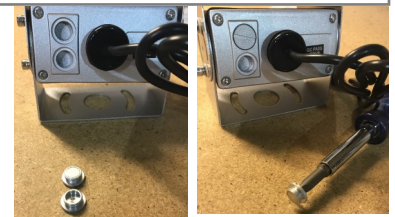
#### Mounting the Camera

- 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 supplied adjustment screws and lock washers to lock them into position.

#### Mirroring Switch

This camera has Mirror function enabled by default. Interchange the 2 screw caps on the back of the camera, one has a magnet, one does not. This is a magnetic switch.....when in the lower position, the magnet turns on mirroring. When in the upper location, the magnet turns mirroring OFF.

*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.*



#### Troubleshooting

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

#### Specifications

<b>Image Sensor:</b>	<b>1/3" Sharp CCD</b>
Resolution:	768 x 582
S/N Ratio:	≥48dB
Lens Angle: Horizontal	96°
Vertical	70°
Lux:	0 Lux (led on)
TV System:	NTSC / PAL
IP Rating:	IP69K
DC Power:	12V
Operating Temperature:	-30° ~ 70° C

#### Warranty and Support Information

Subject to the provisions described below, this CT product is protected for 3 years 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 warranty 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.