



Owner's / Installation Manual

1400A Extreme Series Ultrawide Angle Rearview Video 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 cover from the camera by loosening the screws using the supplied allen wrench.
- 3) Use the camera's mounting template to drill mounting holes. Use gasket on the bracket to seal Cable pass-through hole.
- 4) Align the mounting bracket with pre-drilled holes then secure bracket with appropriate screws. (not supplied)
- 5) Route camera cable through pass-through hole and secure the grommet.
- 6) Reinstall the camera cover using the supplied screws, then adjust to position using the supplied adjustment screws and lock washers to lock them into position.

Maintenance

Although this 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 SN label is on Camera Bottom, remove, flip, and replace in bracket 180°
Unstable Image	Check Mounting Hardware and Camera Power Connection for tightness

Specifications

Sensor	1/3 APTINA CMOS
Resolution	966 X 494 pixels
Effective Pixels	477,204
Lens	f=1.98mm
Lens Angle (Horizontal)	120° ±3°
Lens Angle (Vertical)	68°±3°
Lens Angle (Diagonal)	145 ± 5°
Min illumination	0Lux (LED ON)
IR led	2 pc
Night Vision distance	35 ft
Environmental / Vibration Rating	IP69K / 10G
Power voltage	12V
Operation Temp	-20°C~+70°C
Video format	CBVS (NTSC)
Mirror Switch	Avaliable
Audio	Avaliable
Heat Chip	Included
IR Switch	/
Connection Type	GX12-4F Locking Connector

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 prepaid. CT will not accept collect shipments.