

To Maintain Optimal Performance of Your Thermal Imager

Daily Inspection: XT Series Imagers – QXT, NXT

- Ensure unit is working properly.
- Ensure battery is fully charged.
- For XT™ Series (with optional Thermal Throttle), verify the Thermal Throttle is properly functioning.
- For XT™ Series (with optional Zoom), verify the 2X/4X zoom is properly functioning.
- For XT™ Series (with optional Digital Video Recorder DVR), verify the DVR is properly functioning.
- Verify either desktop or truck mount chargers and associated cables are functioning properly.
- Check for cracks, holes or other damage to the unit's outer shell.
- Verify that there are no signs of cracking or tearing on any of the rubber pieces and buttons on the unit.
- Verify that the front germanium lens and rear LCD display cover is not damaged.
- Ensure retractable lanyard is functioning properly.
- Place imager back into service.



QXT



NXT

Daily Inspection: TXS Series Imager

- Ensure unit is working properly.
- Ensure battery is fully charged.
- If necessary, recharge previous battery.
- Verify dual charger and associated cables are functioning properly.
- Check for cracks, holes or other damage to the unit's outer shell.
- Verify that there are no signs of cracking or tearing on any of the rubber pieces and button on the unit.
- Verify that the front germanium lens and rear LCD display cover is not damaged.
- Ensure retractable lanyard is functioning properly.
- Place imager back into service.



TXS

Daily Inspection: Legacy Imagers - T3™ Series, T4™ Series, Eclipse™ Series

- Ensure unit is working properly.
- Ensure battery if fully charged.
- If necessary, recharge previous battery.
- For T3™ Series, T4™ Series verify both battery locking buttons engage for release. Verify the battery is seated properly.
- For Eclipse™ Series, remove battery and verify the depressed battery latch slides back and forth easily. Also verify that, once the battery is installed, the latch springs back into position (with a “click”) to secure the battery properly.
- For T3 Series, T4 Series, Eclipse Series verify the presence and condition of the rubber bumper around the display screen.
- Verify that there are no signs of cracking or tearing on any of the rubber pieces and buttons on the unit.
- Verify all hand straps are in usable condition and properly secured.
- For T3™ Series (with optional Thermal Throttle), verify the Thermal Throttle is properly functioning.
- For T4™ Series, verify the Thermal Throttle and the 2X/4X zoom is properly functioning.
- Check for cracks, holes or other damage to the unit's outer shell.
- Verify that the front germanium lens and rear LCD display cover is not damaged.
- Verify either desktop or truck mount chargers are corrosion-free on all primary contacts and associated cables are functioning properly.
- Verify the batteries do not show physical signs of damage and the battery contacts are corrosion-free.
- Ensure retractable lanyard is functioning properly.
- Place imager back into service.



T3



T4



Eclipse

After Each Use: All Bullard Imagers

- Decontaminate or Wipe down entire imager with soft cloth and mild cleaner or decon wipe cloth or soap and water.
- Ensure front germanium lens is clean from soot and debris.
- Ensure rear LCD display cover is clean from soot and debris.
- Ensure unit is working and all optional features are working properly.
- Imagers with removeable batteries ensure battery contacts are fully dried to prevent corrosion and insert a fully charged battery.
- Recharge previous battery.
- Imagers with non-removeable batteries, place imager onto charger to ensure optimum battery performance.
- Check for cracks, holes or other damage to the unit's outer shell.
- Place imager back into service.

Routine Maintenance:

The frequency of these maintenance steps will be determined by the amount of use the unit receives in the field. While this is a guideline, users should replace any part when they notice a decrease in product performance or usability, rather than waiting for a specific period of elapsed time.

- All Legacy Series Imagers: Monthly cycle each battery fully. This is accomplished by using a conditioner or by fully charging and draining the battery. Ensure that one battery is always fully charged for use at an incident.
- Every 12 to 24 months: replace the rechargeable batteries – verify Date of Manufacture (DOM) on battery.
- As required replace the LCD display cover & outer rubber bumper (4 or 6 phillips screws).
- Every 12 to 36 months: return the unit to Bullard for the Preventive Maintenance service

If at any time your thermal imager shows signs of damage or is not functioning properly, call 877-BULLARD. Consult the user manual for additional maintenance and service information.

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