



# HelmetVue

**HANDS FREE THERMAL IMAGER  
FOR FIREFIGHTERS**

## About HelmetVue

Used by fire departments globally and by the U.S. Department of Defense, the HelmetVue thermal imaging camera provides unparalleled benefits to firefighters and rescue crews. Tested in a wide variety of scenes including U.S. Air Force Aircraft Rescue and Firefighting (AARF), this helmet mounted imager proved to be a valuable lifesaving tool, easy to use, and affordable. Presently in use in over 120 Fire Departments.

Response times within the fire environment are significantly reduced since the operators can move freely and quickly carrying hose, casualties & equipment. HelmetVue can be provided with a video out port to allow video capture in controlled training scenarios.

## Benefits

- Total hands-free operation during fire suppression, search & rescue, and salvage missions.
- Visibility through degraded conditions, smoke, complete darkness.
- Reduce time to locate victims and fire sources.
- Improve search & rescue time by 70% when compared to standard blind search tactics.
- Ergonomic design enables user to see simultaneously thermal and normal view.

## Uses



# HelmetVue Description



US Patent US 7,369,174, B2

Dimensions	<ul style="list-style-type: none"><li>➤ Length: 3 inches</li><li>➤ Width: 3 inches</li><li>➤ Height: 3 inches (without monocular display)</li></ul>
Weight	Approximately 1 lb
Field of View	50 degrees
Spectral Response	7-14 $\mu\text{m}$ (filter band width)
Display	Bright OLED
Power	2 AA Batteries
Detector	320 x 240 Format Resolution
Mission Life	Up to 3 hours (depending on batteries selected and temperature)
Housing	Ultem®

- The General Temperature Index (GTI) shows digital readout of object's temperature (accurate to plus or minus 20%) – your choice of °F or °C readout.
- State-of-the-art microbolometer technology offering superior visibility and the capability to sense temperature differences and hot spots.
- Simplistic and rugged design. Single ON-OFF button. Eye piece can be moved to either eye or moved aside. The unit has no tethering requirements and easily snaps on or off the helmet.
- A warning light indicates a low battery condition.
- A temperature value is displayed in the eyepiece for the firefighter's situational awareness.

