

ThermalGlass

SEE DIFFERENT



A NEW PERSPECTIVE ON THERMAL VISION

Firefighting is one of the most demanding and dangerous professions, requiring quick decision-making and real-time information in life-threatening situations. Detecting heat sources, identifying hidden fires, and locating victims in low-visibility conditions are critical tasks that can save lives and minimize property damage. Traditional tools often fall short in providing the clarity and efficiency needed in these high-stakes scenarios. ThermalGlass offers a hands-free, innovative solution that enhances situational awareness, operational efficiency, and firefighter safety.



FIRE SCENE ASSESSMENT

In active fire situations, ThermalGlass empowers firefighters to quickly assess the scene by providing real-time thermal imaging. Fused Vision™ technology highlights heat signatures, helping teams identify hotspots, track fire spread, and locate areas at risk of collapse. The hands-free design allows firefighters to remain fully engaged in their tasks while accessing critical data, enabling faster and more effective decision-making in rapidly changing environments.



POST-FIRE INSPECTIONS

After extinguishing a fire, identifying remaining hotspots or structural weaknesses is crucial to prevent reignition and ensure safety. ThermalGlass provides detailed thermal imaging to detect residual heat, assess damage, and locate hidden embers. This hands-free tool allows firefighters to conduct thorough post-fire inspections while maintaining mobility and focus, reducing the risk of overlooking critical areas.



SEARCH AND RESCUE OPERATIONS

ThermalGlass is an invaluable tool for search and rescue operations in smoke-filled or low-visibility environments. By detecting body heat, it enables firefighters to locate trapped individuals quickly, even in the most challenging conditions. The hands-free functionality ensures that rescuers can navigate debris, carry victims, and operate tools without interruption while maintaining a clear view of their surroundings through real-time thermal imaging.

EQUIPMENT MONITORING

Firefighting equipment, such as pumps, engines, and hoses, must perform flawlessly during operations. ThermalGlass allows teams to monitor the performance of their equipment in real-time by identifying overheating components, leaks, or other potential issues. This proactive approach ensures that critical tools remain operational, reducing the risk of equipment failure during life-saving missions.

HAZARDOUS MATERIAL INCIDENTS

In incidents involving hazardous materials, ThermalGlass helps firefighters detect temperature anomalies that may signal chemical reactions, leaks, or potential explosions. Fused Vision™ technology allows responders to safely assess the situation from a distance while identifying risks that are invisible to the naked eye. The hands-free design enhances mobility and focus, enabling teams to manage hazardous material incidents effectively while minimizing exposure.

