

Fields of Application	EVOLUTION® 5800TIC	Impressions	
<ul style="list-style-type: none"> <li>■ Fire Attack</li> </ul>	<ul style="list-style-type: none"> <li>■ Locating the source of the fire.</li> <li>■ Determining the extent of the fire.</li> <li>■ Detection of flashover dangers.</li> <li>■ Pinpointing and isolating hidden fires.</li> <li>■ Minimizing risk for personal with increased ability to see.</li> <li>■ Checking effectiveness of use extinguishing agents.</li> <li>■ Directing extinguishing agents.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Fire Watch</li> </ul>	<ul style="list-style-type: none"> <li>■ Ensure that there are no hidden fires or smouldering materials left</li> <li>■ Checking for hotspots for cooling to avoid reignition.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Wildland Firefighting</li> </ul>	<ul style="list-style-type: none"> <li>■ Getting an overview of the situation.</li> <li>■ Locating missing/injured persons/animals.</li> <li>■ Scanning areas for hot spots.</li> <li>■ Navigation through smoke.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Search and Rescue</li> </ul>	<ul style="list-style-type: none"> <li>■ Faster location of lost and missing persons</li> <li>■ Help verifying the number of victims at a vehicle collision.</li> <li>■ Night scene survey.</li> <li>■ Location of mass casualty victims.</li> <li>■ Saving lives.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Vehicle Navigation</li> </ul>	<ul style="list-style-type: none"> <li>■ Navigation through darkness, fog or heavy smoke.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Situation Analysis, Incident Control, Ventilation</li> </ul>	<ul style="list-style-type: none"> <li>■ Identify areas of heat accumulation, possible ventilation points to reduce the chances of backdraft or flashover.</li> <li>■ Identification of superheated gases.</li> <li>■ Support of quick decision making to deploy additional tools, resources ...</li> <li>■ Effective use of extinguishing agents.</li> <li>■ Limitation of damage.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Hazardous Materials</li> </ul>	<ul style="list-style-type: none"> <li>■ Check filling level of i.e. barrels, tank vehicles, silos ..</li> <li>■ Identifying and tracking the sources and movements of contaminants.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Preventive Maintenance and Service</li> </ul>	<ul style="list-style-type: none"> <li>■ Building and production surveillance</li> <li>■ Detecting anomalies in i.e heat distribution of components ...</li> <li>■ Troubleshooting for failures, defects i.e overheated components ...</li> <li>■ Minimizing dangerous fire risk.</li> <li>■ Leak detection in i.e isolation, pipes ...</li> <li>■ Avoidance of production downtimes.</li> <li>■ Ensure processes.</li> <li>■ Improvement of quality.</li> <li>■ Cost reduction.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Accident and Incident Investigation</li> </ul>	<ul style="list-style-type: none"> <li>■ Locate the origin of the fire</li> <li>■ Skidmarks.</li> <li>■ Travel of victims.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Supporting Police Work</li> </ul>	<ul style="list-style-type: none"> <li>■ See heat signatures of objects, people and other sources i.e. fugitive searches, a roaming child, an elderly Alzheimer's patient, weapons and drugs tossed by a fleeing suspect...</li> <li>■ Drug activity surveillance.</li> <li>■ Identify potential indoor marijuana growing operations.</li> </ul>		
<ul style="list-style-type: none"> <li>■ Firefighter Education and Training</li> </ul>	<ul style="list-style-type: none"> <li>■ Check and review training exercises</li> <li>■ Improvement of operations.</li> </ul>		
<b>Restrictions</b>			
<p><b>Because the display is relative, the image requires interpretation</b>  <b>The Thermal Imaging Camera is not suitable for the following applications:</b></p> <ul style="list-style-type: none"> <li>■ Although the camera is waterproof, it is unable to take underwater images.</li> <li>■ The camera does not take images through water or shiny surfaces which affect the system like a mirror.</li> <li>■ The camera does not take images through walls or objects, it will only show the surface temperature.</li> <li>■ The camera does not improve the user's sight. Corrective spectacles must continue to be worn.</li> </ul>			



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

**Keison Products,**

**P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.**

**Tel: +44 (0)1245 600560**

**Fax: +44 (0)1245 600030**

**Email: [sales@keison.co.uk](mailto:sales@keison.co.uk)**

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.