

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



Thank you for reading this data sheet.

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



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