



Infrared Thermal Camera

HVAC Test & Measurement Solution

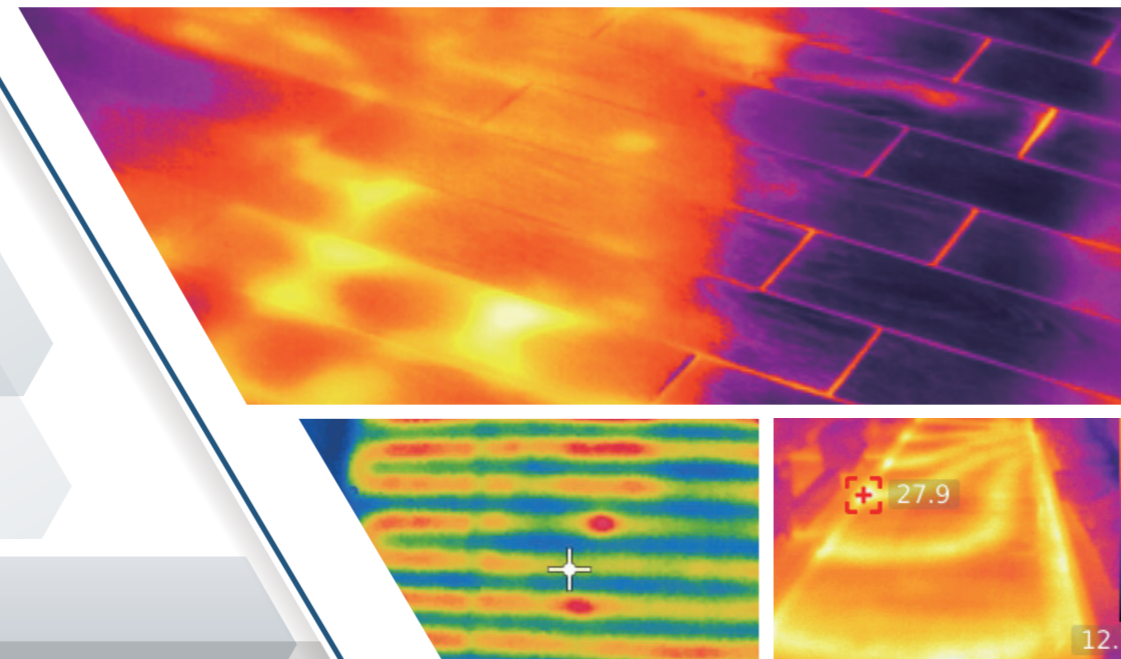
- Thermal Imaging
- Temperature Measurement
- Faults Diagnosis
- Data Analysis
- Report Generation

¿Por qué cámara térmica?

Recientemente desarrollada como herramienta de medición, la cámara termográfica es muy apreciada por los usuarios debido a las ventajas que brinda. Realiza mediciones no invasivas, con alta eficacia, practicidad y bajo costo. El sensor infrarrojo de la cámara recibe la emisión térmica de los objetos y la procesa internamente para generar una imagen con datos de temperatura, que ayuda a los usuarios a analizar y localizar rápidamente posibles problemas que se manifiestan con una sobre elevación de calor.

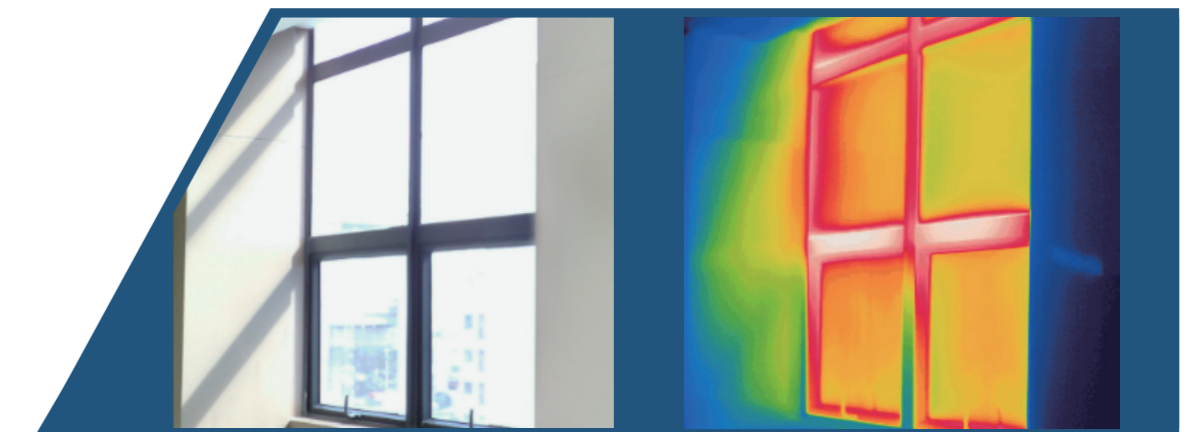
Heating System

In U.S., some cities (such as Juneau, Duluth, Caribou, Fargo, etc.) have a low-temperature climate all year round. People rely on heating system for obtaining a comfortable ambient temperature. Underfloor heating system is one of the common solutions in heating system. Under thermal imaging, the complete heating trajectory with an even temperature distribution should be displayed while heating system is working well. Otherwise, if there are much temperature differences or breaks displayed in somewhere, it indicates abnormalities occurs. With thermal camera, the potential heat problems can be easily identified and maintenance measures can be taken in a timely manner.



Identifying Energy Loss

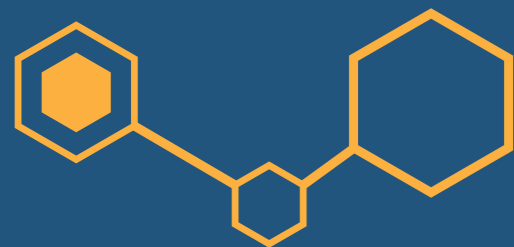
Sometimes, room temperature may still remain low even though the heating system is working well. This may be caused by poor airtightness of the building. Generally speaking, the decrease of airtightness is due to the aging of sealing strips or termite infestation. With thermal cameras, quickly locate the leakage areas by distinguishing the temperature differences of the edges of windows and doors.





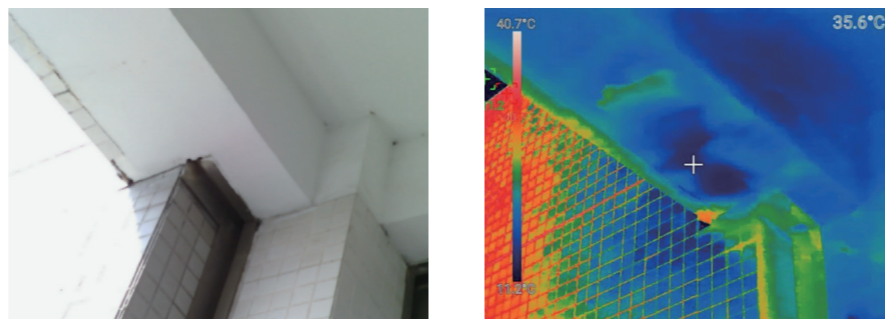
UNI-T

Test and Measurement Solutions Provider



Wall Leakage Detection

Building leakage is one of the common fault phenomena in building safety industry. Generally, it is caused by factors such as aging and cracking of the waterproof layer and corrosion of water pipes. Damp walls will emit an uncomfortable smell and cause mildew, which not only affects the beauty of the environment, but also may pose a serious threat to human health and building safety. Thermal cameras have excellent thermal sensitivity and can clearly display subtle temperature differences, to spot and locate the leakage areas.



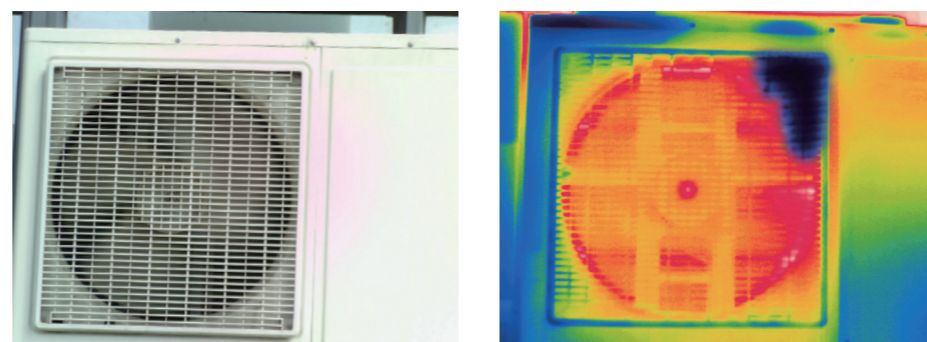
Diversified Workflow

UNI-T professional analysis software has a user-friendly interface and provides users with one-stop functionality. The generated analysis report is convincing, recording the thermography data in details and shown in an intuitive form, helps users to draw up a targeted solution.



Air Conditioning Equipment Inspection

Freon probably leaks when the condenser coil is plugged, resulting in the problems of the refrigeration system occurs. Benefited by advanced thermal imaging technology, the preventive detection can be carried out anytime. Take targeted measures before the problem becomes serious and causes permanent damage to avoid unnecessary losses.



Recommended Products

	<p>UTi740MS</p> <ul style="list-style-type: none"> • 400x300 pixels • Super Resolution • Manual Focus • Android & iOS 			<p>UTi720T</p> <ul style="list-style-type: none"> • 3.5" Touch Display • -20°C~550°C • Smart Meter • NFC Connection • T-Mix Fusion 	
	<p>UTi720B</p> <ul style="list-style-type: none"> • T-Mix Fusion • Super Resolution • Video Recording • Wi-Fi Connection 			<p>UTi740H+</p> <ul style="list-style-type: none"> • 4.3" Touch Display • Manual Focus • -20°C~650°C • Video Recording • Up to ±1.5°C/±1.5% Accuracy 	

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