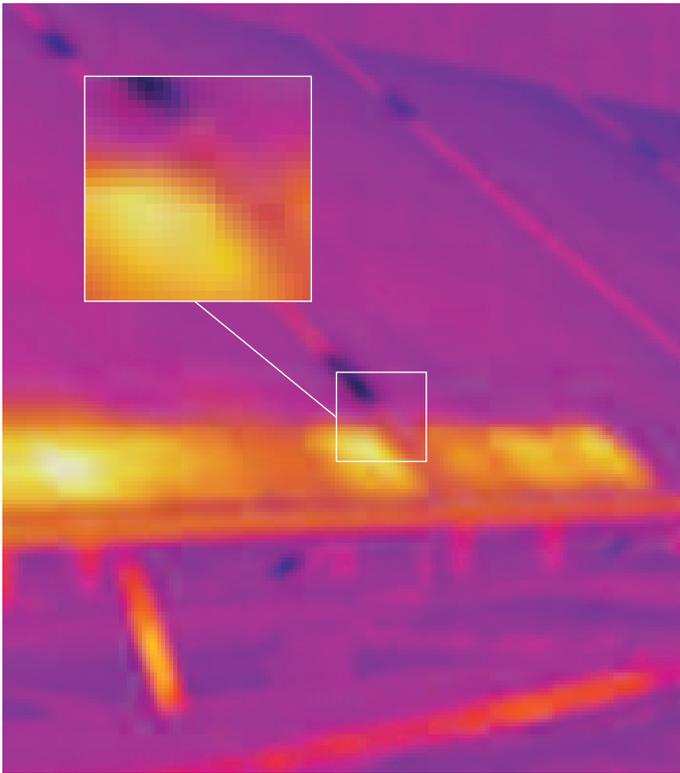
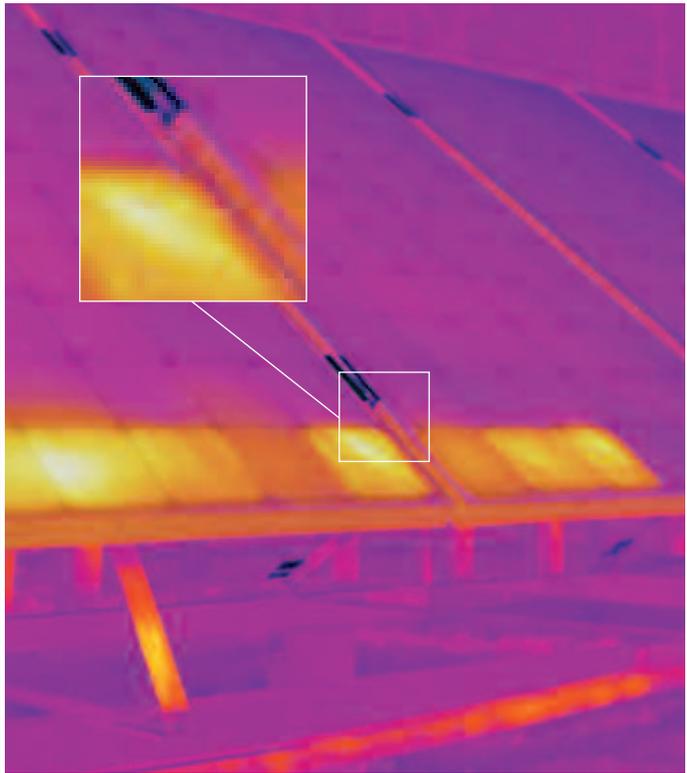


TESTO solutions

# Detailed thermal imagers with SuperResolution



Standard thermal image



SuperResolution thermal image

## Simply better thermography on systems.

The higher the resolution of your thermal images, the more anomalies you can see. With the revolutionary SuperResolution technology, you improve the image quality of your thermal imager by one class in no time. Four times more measurement values and a geometric resolution improved by a factor of 1.6 mean for you even more details and even more security in your measurement.



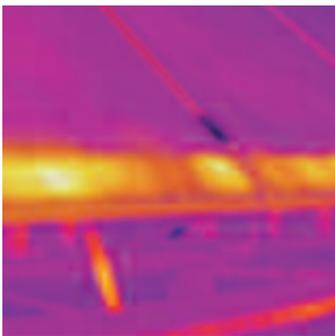
## The application



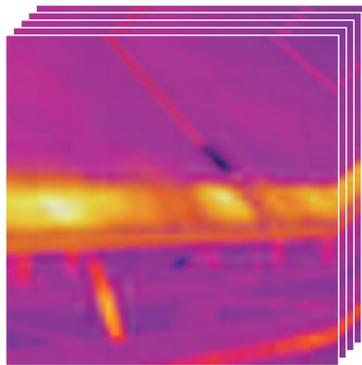
### Conditions for exact thermography.

Optimum thermography is basically quite easy: The better the image resolution and the more pixels, the better the attention to detail and the clearer the presentation of the measurement object. And especially when you need to measure from great distances in your application, high-resolution image quality is indispensable. Because the more you can see in the thermal image, the better is your analysis.

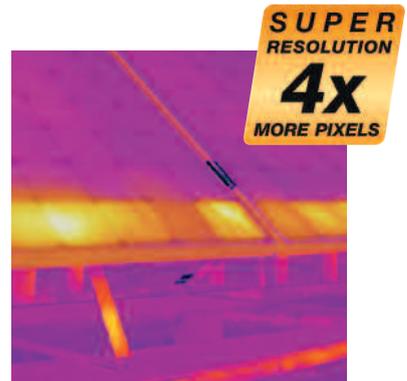
## The solution



Standard thermal image



SuperResolution technology

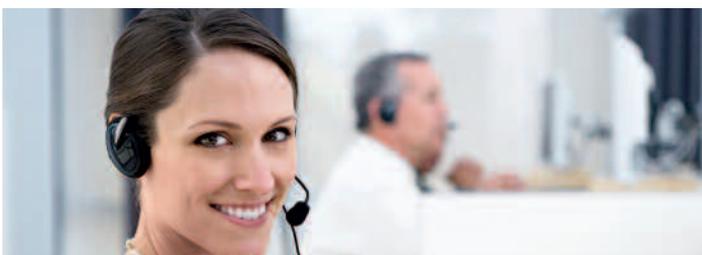


SuperResolution thermal image

### The upgrade for even more details.

With the SuperResolution technology, you easily improve the image quality of your Testo thermal imagers by one class – by four times more pixels, and a geometric resolution which is improved by a factor of 1.6. For example 160 x 120 pixels are turned into 320 x 249 pixels at once. How? With a simple software upgrade in your imager. The patent-pending innovation from Testo uses the natural movement of your hand, and records several images, slightly offset to each other, very quickly one

after the other. These are then calculated into one image using an algorithm. This allows you to take thermographic measurements of photovoltaic systems easily, quickly and reliably at a great distance, for example using the large rotatable display and optional telephoto lens of the testo 876 – and to analyze the even more detailed SuperResolution thermal images precisely and conveniently on a PC.



### More information:

For more information and answers to all your questions concerning thermography with SuperResolution technology, contact our thermography experts at +49 7653 681 700 or [thermografie@testo.de](mailto:thermografie@testo.de).