RIDGID® thermal imagers feature the latest technology, including the best image in their class and an easy-to-use interface, to help you more efficiently predict problems before they happen and prevent costly downtime. And, the ruggedly built tool, backed by the industry’s best warranty, gives you the confidence to take it on any job.

For your thermal imaging needs, turn to the trade’s most trusted brand.

**PREDICT. PREVENT. PERFORM.**

**ENSURE QUALITY AND FUNCTIONALITY**

Identify faults at a glance.

**SAVE TIME AND RESOURCES**

Locate anomalies and leaks in pipelines.

**MAINTAIN SYSTEMS**

Identify excessively high temperatures in circuit breakers and electrical components before breakdown occurs.

**DETECT ENERGY LOSSES**

Immediately identify insulation voids and thermal bridges in building exteriors.
PRECISE THERMAL IMAGES ARE EASY WITH THESE FEATURES.

**SuperResolution**

**DOUBLE THE DETAIL**
Using pixel shift technology, SuperResolution effectively doubles the resolution of your camera, allowing greater detail to detect anomalies. Our RT-9x 320×240 resolution imager can create images with resolution as high as 640×480 using the perspective change provided by natural hand movements when capturing an image. Thermal images taken with SuperResolution rival higher resolution, higher cost cameras.

**E-Assist**

**AUTOMATICALLY SET EMISSIVITY**
For precise thermal images, it is important to set the emissivity and the reflected temperature (RTC) of the object being examined in the imager. Using material tables and aluminum foil is a complicated and less than accurate process. With e-Assist, simply attach one of the reference stickers to the target object. Via the integrated digital camera, the thermal imager recognizes the sticker, determines emissivity and reflected temperature and sets both values automatically. (Available for the RT-5x, RT-7x, and RT-9x only.)

**ScaleAssist**

**CONSISTENCY BEFORE AND AFTER**
ScaleAssist automatically sets the optimum thermal image scale. This makes evaluation of construction errors and thermal bridges easier than ever before. Interpretation errors can be caused by false evaluation of the scaling. Undesired extreme temperatures are automatically filtered out of the image and are only represented as such when they really are present. This makes infrared images comparable in spite of altered ambient conditions. This is critical in before-and-after images.

**RIDGID® THERMAL APP**

**REPORTING MADE SIMPLE**
Create and share reports quickly and easily with the RIDGID® Thermal App. View, edit, and analyze captured images from the thermal imager directly on your mobile device.

Thermal App for RT-5x/RT-7x/RT-9x
Download now for iOS or Android free of charge.
With 160×120 pixels, the RT-3 is the perfect entry into thermography. Visualize temperature differences from 0.12 °C, and automatically recognize hot-cold spots.

Infrared resolution: 160×120 pixels (with SuperResolution 320×240 pixels)
Thermal sensitivity (NETD): < 120 mK
Measuring range: -20° to +280° C
Field of View (FOV): 31° x 23°
Wi-Fi/App enabled: —
Integrated visual camera: —
ScaleAssist: ✓
E-Assist: —

Find the problem with an integrated digital camera and 160×120 pixel thermal images in which temperature differences of 0.12 °C are visible. Tap into the thermal app to quickly send reports on site.

Infrared resolution: 160×120 pixels (with SuperResolution 320×240 pixels)
Thermal sensitivity (NETD): < 100 mK
Measuring range: -30° to +650° C
Field of View (FOV): 31° x 23°
Wi-Fi/App enabled: ✓
Integrated visual camera: ✓
ScaleAssist: ✓
E-Assist: ✓
RT-7x THERMAL IMAGER

Digital camera with 240x180 resolution that can identify temperature differences from 0.09 °C. Tap into the thermal app to quickly send reports on site.

- Infrared resolution: 240x180 pixels (with SuperResolution 480x360 pixels)
- Thermal sensitivity (NETD): < 90 mK
- Measuring range: -30° to +650°C
- Field Of View (FOV): 35° x 26°
- Wi-Fi / App enabled
- Integrated visual camera
- ScaleAssist
- E-Assist

CATALOG NO. DESCRIPTION WEIGHT
57518 RIDGID RT-9x Thermal Imager with Wi-Fi 4.8 2.2

RT-9x THERMAL IMAGER

Professional imager with 320x240 resolution. Digital camera that can identify temperature differences from 0.06 °C. Tap into the thermal app to quickly send reports on site.

- Infrared resolution: 320x240 pixels (with SuperResolution 640x480 pixels)
- Thermal sensitivity (NETD): < 60 mK
- Measuring range: -30° to +650°C
- Field Of View (FOV): 42° x 32°
- Wi-Fi / App enabled
- Integrated visual camera
- ScaleAssist
- E-Assist

CATALOG NO. DESCRIPTION WEIGHT
57523 RIDGID RT-9x Thermal Imager with Wi-Fi 4.8 2.2
Whether you are a contracted service provider or work within the industrial sector, the use of thermal imaging technology will help your company become more profitable.

- Carry out status-oriented service work and prevent downtime.
- Complete jobs like leakage detection or tests on plant/building sections more quickly.
- Overcome the limitations of a pyrometer by measuring whole surfaces, not just individual points.
- Build customer trust with visual proof and professional documentation.
- Expand your service offering and enhance your professional appearance.

### RIDGID® THERMAL IMAGER LINE

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<th>Infrared resolution</th>
<th>RT-3</th>
<th>RT-5x</th>
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<td>240x160 pixels</td>
<td>320x240 pixels</td>
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<td>(with SuperResolution 480x360 pixels)</td>
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### EARLY DETECTION. REDUCE DOWNTIME. DRIVE PROFITABILITY.

Whether you are a contracted service provider or work within the industrial sector, the use of thermal imaging technology will help your company become more profitable.

- Carry out status-oriented service work and prevent downtime.
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