

**FLUKE®**



**Capture critical measurements WIRELESSLY.**

**Fluke Thermal Imagers are now part of the CNX Wireless Solution.**

**Fluke CNX™ Series System**

**FIND IT. FIX IT. FAST.**



Meet the Fluke CNX™ Series Wireless Team.  
**YOUR TOOLS—CONNECTED.**  
**TAKE READINGS QUICKER. SOLVE PROBLEMS FASTER.**

You see what's happening with your thermal imager. Now help uncover root causes, by connecting CNX™ wireless current modules to your imager.

Now there's a fast and convenient way to capture current measurements from up to five wireless modules at once using your thermal imager.

New CNX™ wireless modules communicate with your imager and store both absolute and relative measurement readings right along with the thermal image. Inspect motors and switchgear, breaker panels, fuses and other equipment more thoroughly. Figure out whether those temperature differences are normal or not and start uncovering potential causes. You can also verify that electrical inspections are conducted at 40% current load—consistent with best practices.

Download your data to a PC for analysis with SmartView® software. Documenting the thermal images together with current measurements adds validity to your analysis and makes your inspections more thorough. Determine whether you need to bring in other Fluke test and measurement tools, such as a power quality meter, a vibration tester or ScopeMeter® handheld oscilloscope to fully diagnose problems.

These illustrations demonstrate a few different ways the CNX system can be used. Visit our website or ask your distributor for more information and to see other CNX applications.



**WIRELESS TOOLS**

*The team.* Fluke CNX™ tools work together. Remotely. Simultaneously. Conveniently.

**WIRELESS THERMAL IMAGER**

*The captain.* Display measurements from up to 5 wireless modules within the thermal image.

**SOFTWARE**

*The statistician.* Get the data from up to five measurements from each infrared image in SmartView® analysis and reporting software.

**Easier measuring, even in difficult or dangerous locations**

Set up wireless modules in an electrical cabinet, near rotating machines, or in harsh environments on equipment you want to monitor. Then step back and take readings from a safe distance or a more comfortable spot. You'll improve safety by minimizing your exposure to those conditions.

**Use modules as stand-alone tools too**

The CNX modules not only communicate with your thermal imager, but can also be used as stand-alone test tools. Capture measurements over time and then download to a computer later for reporting, tracking and documentation. It's ideal for preventive maintenance.

**Set up is as easy as 1, 2, 3**

It's free and easy to activate the wireless radio in your Fluke Thermal Imager (wireless is currently available on the following models: Ti125, TiR125, Ti110, TiR110, Ti105, TiR105 and Ti100).

1. Connect your wireless Fluke thermal imager to your computer with the USB cable provided and open the latest version of SmartView® software.
2. Select "Enable CNX wireless system" in the imager's menu and you'll be directed to a Fluke website. Simply enter the unit's serial

number and your contact information to get an authorization code. Once you've entered the code into the SmartView form, the firmware download begins.

3. After the download is complete, the CNX modules and thermal imager can communicate and you will begin to realize the benefits of the Fluke CNX wireless system.

**View the easy 1, 2, 3 video at:**

[www.fluke.com/ti-cnx-1-2-3](http://www.fluke.com/ti-cnx-1-2-3)

**Easy on your budget**

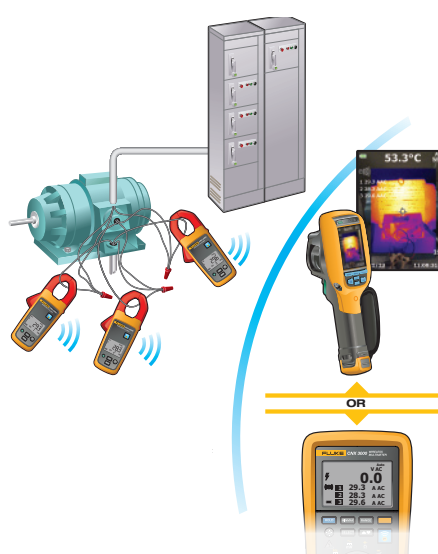
With the free firmware download there's no additional cost to add the convenience and efficiency of wireless capability. No need to return it to Fluke for the upgrade—your imager never leaves your side. The CNX wireless modules are affordable, and can be added as needed...and they are built with the Fluke quality and innovation that you demand. You can expect to see additional CNX wireless modules from Fluke in the near future, adding even greater value to your thermal imaging investment.

**Possible Applications**

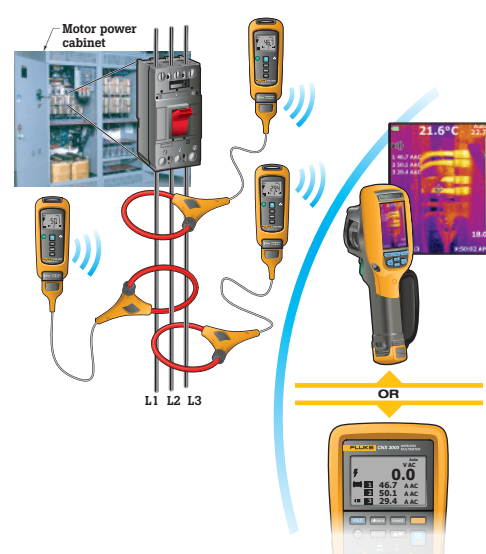
**Troubleshooting systems**



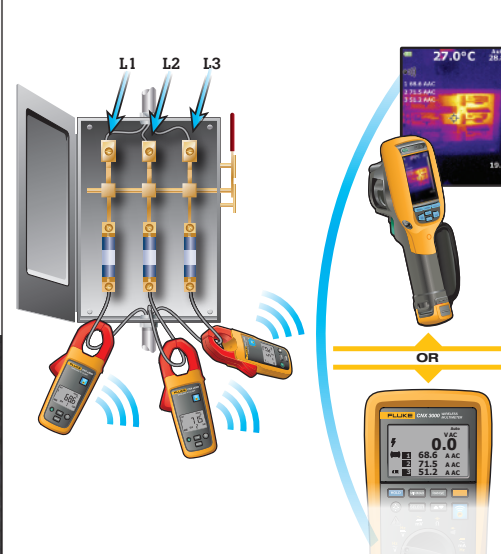
**Measure incoming current**



**Determining current imbalance**



**Measure current load**



**Note:** Use a wireless multimeter OR thermal imager. Both tools can not be used simultaneously to receive wireless instruments.



**CNX™ Series  
Wireless  
System:**



Fluke CNX enabled  
Thermal Imagers

AC Voltage  
Module

AC Current  
Clamp Module

AC Current  
Clamp Module

iFlex™ AC  
Current Clamp  
Module

CNX t3000  
K-Type  
Temperature  
Module

CNX a3000

CNX a3000

CNX i3000

**FLUKE CNX™ SERIES  
WIRELESS SYSTEM**

**Your tools connected.**

The new Fluke wireless trouble-shooting team works together to help you solve problems faster.

See live measurements from multiple modules simultaneously. Customize your tool set by mixing and matching to suit your unique testing needs and provide maximum flexibility.

**Wireless will change the way  
you work**

- No more running around
- Pen and paper no longer needed
- No more waiting around
- No more uncomfortable positions

Model	Description
<b>Kits (Buy a system or kit and save)</b>	
FLK-Ti125/C3i 30Hz	Industrial-Commercial Thermal Imager 30 Hz with 3 CNX-i3000
FLK-Ti100/C1a 9Hz	General Purpose Thermal Imager 9 Hz with 1 CNX-a3000
<b>CNX main units</b>	
FLK-Ti125	Thermal Imager for Industrial and Commercial Applications
FLK-Ti110	Thermal Imager for Industrial and Commercial Applications
FLK-Ti105	Thermal Imager for Industrial and Commercial Applications
FLK-TiR125	Building Diagnostic Thermal Imager
FLK-TiR110	Building Diagnostic Thermal Imager
FLK-TiR105	Building Diagnostic Thermal Imager
FLK-Ti100	General Use Thermal Imager
CNX 3000	Wireless Multimeter
<b>CNX modules</b>	
FLK-CNX i3000 iFlex AC Current Clamp Module	FLK-CNX 3000 Series iFlex™ Module and accessories
FLK-CNX a3000 AC Current Clamp Module	FLK-CNX 3000 Series AC Current Clamp Module
FLK-CNX v3000 AC Voltage Module	FLK-CNX 3000 Series AC Voltage Module and accessories
FLK-CNX t3000 K-Type Temperature Module	FLK-CNX 3000 Series K-type Temperature Module and accessories
<b>PC adapter</b>	
FLK-CNX PC3000 PC Adapter	Allows for wireless transfer of logged data or thermal images into pc software (not valid for the thermal imager)

\*Find out more about the benefits of wireless measurement capture at [www.fluke.com/thermography](http://www.fluke.com/thermography).

Your Fluke Ti1XX thermal imager can be upgraded FREE to enable its CNX wireless capabilities. Connect your thermal imager to your PC with the included USB cable. Open SmartView® software and update to the most recent version. Then select the thermal imager icon, pull down the menu and select Enable CNX™.

**Note:** Upgrade is not available in all countries at this time.

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