



<sup>1</sup> Class is defined as an industrial handheld infrared camera in the same price range based on MSRP as of May 1, 2014.

## ภาพรวมผลิตภัณฑ์: Ti95 Fluke Connect FCC Kit

The Ti95 Fluke Connect FCC Kit is a great solution for quick and efficient inspections. This kit features the only wireless industrial infrared camera in its price class<sup>1</sup>, the Ti95, and an a3001 FC iFlex<sup>®</sup> module.

Save time and increase productivity with your wireless Ti95 infrared camera which allows you to perform quick scans and securely connect and collaborate with others, so they see what you see - only with ShareLive™ video call.

Capture true-RMS measurements around awkward sized conductors or get into tight spaces and makes wire access easier with the a3001 iFlex module and wirelessly relay measurements to the Fluke Connect™ App.

Upload your measurement data to the Cloud via your smart phone and you can analyze and share your inspection results for each piece of equipment from anywhere, with any team member, at any time - only with Fluke Connect.

<sup>1</sup> Class is defined as an industrial handheld infrared camera in the same price range based on MSRP as of May 1, 2014.

## ข้อมูลจำเพาะ: Ti95 Fluke Connect FCC Kit

### Fluke Ti95 Infrared Camera

Key Features	
IFOV (spatial resolution)	5.6 mRad
Resolution	80 x 80 (6,400 pixels)
Field of view	26° H x 26° V
Wireless connectivity	Yes
Fluke Connect™ app compatible	Yes, with included wireless SD card (where available)
IR-Fusion <sup>®</sup> technology	PIP (46 cm (18 in) and beyond)
Focus system	Fixed focus 46 cm (18 in) and beyond
Ruggedized display	3.5 inch diagonal (portrait format)
Rugged, ergonomic design for one-handed use	Yes
Thermal sensitivity (NETD)	≤ 0.10°C at 30°C target temp (100 mK)
Temperature measurement range (not calibrated below -10°C)	-20°C to +250°C (-4°F to +482°F)
Level and span	Smooth auto and manual scaling
Fast auto toggle between manual and auto modes	Yes
Fast auto-rescale in manual mode	Yes
Minimum span (in manual mode)	2.5°C
Minimum span (in auto mode)	5°C

Built-in digital camera (visible light)	2 megapixel industrial performance
Frame rate	9 Hz only
<b>Data Storage and Image Capture</b>	
Extensive SD memory system	Removable 8 GB SD memory card and 8 GB wireless SD card (where available)
	Direct download via USB-to-PC connection
Image capture, review, save mechanism	One-handed image capture, review, and save capability
File formats image	Non-radiometric (.bmp) or (.jpeg) or fully-radiometric (.is2)
	No analysis software required for non-radiometric (.bmp, .jpg) files
Memory review	Thumbnail view navigation and review selection
Software	SmartView® software, Fluke Connect™, and SmartView® Mobile app - full analysis and reporting software
Export file formats with SmartView® software	BMP, DIB, GIF, JPE, JFIF, JPEG, JPG, PNG, TIF, and TIFF
<b>Battery</b>	
Batteries (field-replaceable, rechargeable)	One lithium ion smart battery pack with five-segment LED display to show charge level
Battery life	Four+ hours continuous use per battery pack (assumes 50% brightness of LCD and average usage)
Battery charge time	2.5 hours to full charge
AC battery charging system	In-imager charging. AC mains adapters included in 9 Hz versions. Optional two-bay AC battery charger (110 VAC to 220 VAC, 50/60 Hz) or optional 12 V automotive charging adapter.
AC operation	AC operation with included power supply (110 VAC to 220 VAC, 50/60 Hz). AC mains adapters included.
Power saving	User selectable sleep and power off modes
<b>Temperature Measurement</b>	
Accuracy	±2°C or 2% (at 25°C nominal, whichever is greater)
On-screen emissivity correction	Yes (both number and table)
On-screen reflected background temperature compensation	Yes
<b>Color Palettes</b>	
Standard palettes	6: Ironbow, blue-red, high-contrast, amber, hot metal, grayscale
<b>General Specifications</b>	
Infrared spectral band	9 µm to 15 µm (long wave)
Operating temperature	-10°C to +50°C (14°F to 122°F)
Storage temperature	-20°C to +50°C (-4°F to 122°F)
Relative humidity	10% to 95%, non-condensing
Center-point temperature measurement	Yes
Spot markers	Hot and cold spot markers

Center box (MIN-MAX-AVG)	Fixed-size measurement box with MIN-MAX-AVG temp
Safety standards	CSA (US and CAN): C22.2 No. 61010-1-04, UL: UL STD 61010-1 (2nd Edition), ISA: 82.02.01
Electromagnetic compatibility	EN 61326-1:2006 IEC 61326-1:2005
C Tick	IEC/EN 61326-1
US FCC	EN61326-1; FCC Part 5
Vibration	2G, IEC 68-2-6
Shock	25G, IEC 68-2-29
Drop	Engineered to withstand 2 meter (6.5 feet) drop
Size (H x W x L)	28.4 x 8.6 x 13.5 cm (11.2 x 3.4 x 5.3 in)
Weight (battery included)	0.726 kg (1.6 lb)
Enclosure rating	IP54 (protected against dust, limited ingress; protection against water spray from all directions)
Warranty	Two-years (standard), extended warranties are available
Recommended calibration cycle	Two-years (assumes normal operation and normal aging)
Supported languages	Czech, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, and Turkish

### Fluke a3001 FC Wireless iFlex® AC Current Module

Specifications		
Range	0.5 A to 2500 A AC	
Resolution	0.1 A	
Accuracy	3% ±5 digits (5 Hz to 500 Hz)	
Crest factor (50 Hz / 60 Hz)	3.0 at 1100 A 2.5 at 1400 A 1.42 at 2500 A add 2% for C.F. > 2	
LCD w/ backlight	3½ digits	
Log rate/interval	1 sec minimum/adjustable by PC or front panel	
Battery type	2 AA, NEDA 15 A, IEC LR6	
Battery life	400 hours	
Memory	Record up to 65,000 readings	
RF communications	2.4 GHZ ISM Band	
RF communication range	<b>Open air, unobstructed</b>	Up to 20 m
	Obstructed, sheetrock wall	Up to 6.5 m
	Obstructed, concrete wall or steel electrical enclosure	Up to 3.5 m
Operating temperature	-10°C to +50°C	

Storage temperature	-40°C to +60°C	
Temperature coefficient	Add 0.1 x (specified accuracy) / °C (< 18°C or > 28°C)	
Operating humidity	90% at 35°C 75% at 40°C 45% at 50°C	
Altitude	<b>Operating</b>	2,000 m
	Storage	12,000 m
EMC	EN 61326-1:2006	
Safety compliance	IEC 61010-1, 600 V CAT IV/1000 V CAT III, 3rd edition	
Safety rating	CAT IV 600 V, CAT III 1000 V	
Certifications	CSA, CE, FCC: T68-FBLE IC: 6627A-FBLE	
Ingress Protection (IP) rating	IP42	
Pollution Degree	2	
Jaw opening	25.4 cm (10 in) coil	
Size (H x W x D)	16.5 x 6.35 x 1.4 cm (6.5 x 2.5 x 1.4 in)	
Weight	.22 kg (8 oz)	
Warranty	Three years	
Not compatible with Fluke CNX test tools		

รุ่น



**FLK-Ti95 9HZ/FCC Infrared Camera**

FLK-Ti95 9HZ/FCC

Includes:

Fluke Ti95 Thermal Imager:

- AC power adapter
- Lithium ion smart battery (1)
- USB cable
- SD memory card
- Fluke Connect™ wireless SD Card (where available, shipped separately in non-European countries)
- Soft transport bag
- Adjustable hand strap (left- or right-handed use)
- Printed users' manual in English, Spanish, French, German and Simplified Chinese, all other manuals on CD
- SmartView® software
- Warranty registration card

Fluke a3001 FC Wireless iFlex AC Current Module with two AA batteries - installed:

- iFlex 10" coil (1)
- Magnet/strap (1)
- Information pack

**Fluke. ให้โลกของคุณ คงอยู่แต่ละก้าวต่อไป**

Fluke Corporation  
PO Box 9090, Everett, WA 98206 U.S.A.

For more information call:  
In the U.S.A. (800) 443-5853  
In Europe/M-East/Africa  
+31 (0)40 267 5100  
In Canada (800)-36-FLUKE  
From other countries +1 (425) 446-5500  
[www.fluke.com/th-th](http://www.fluke.com/th-th)

©2021 Fluke Corporation. Specifications subject to  
change without notice.  
11/2021

Modification of this document is not permitted without  
written permission from Fluke Corporation.