

PRODUCT ANNOUNCEMENT for EU28 countries only

FLUKE®

June, 2014

NEW from Fluke! Ti90 and Ti95 Infrared Cameras

Introducing two new models to the only full line of Fluke Connect™ industrial wireless infrared cameras

Prices starting at €1195

Fluke proudly introduces the Ti9x series infrared cameras. Using the same rugged, ergonomic form factor as the Ti1xx series, the Ti90 and Ti95 offer best-in-class* spatial resolution and field of view. They come standard with Fluke Connect™, the world's largest system of test and measurement tools, and are the only wireless industrial infrared cameras in their price class*. The Ti90 list price is €1195, and the Ti95 is €1595.

Fluke is making two different models available per product:

- One model with /NFC in the model description. This model can be sold globally, also to countries (**) without a WiFi radio license. This model DOES NOT contain a WiFi SD card.
- A second model WITHOUT /NFC in the model description. This model contains a WiFi SD card. This model can ONLY be sold to countries (**) WITH a WiFi radio license.

It is the responsibility of each distributor to sell within the EU compliance rules and with that ship the right unit to a country

*Compared to industrial hand-held infrared cameras in the same price range, based on MSRP as of May 1, 2014.

** See the list at the bottom at page 6 of this product announcement for the countries with a license



Included with product:

- AC charger/power supply with mains adapters for battery charging and AC operation
- 1 Lithium-Ion removable and rechargeable smart battery
- USB connection cable for image transfer to PC
- 8 Gb SD memory card
- Soft case with adjustable shoulder strap
- Hand strap, for right- or left-handed use (Ti95 only)
- Printed user manual in English, Spanish, French, German and Simplified Chinese, others on CD
- SmartView® analysis and reporting software
- Warranty registration card
- Fluke Connect™ wireless SD card is included with purchase (where available), but, due to certain country restrictions, it will be shipped separately upon product registration form completion

PRODUCT ANNOUNCEMENT: Ti90 and Ti95 FLUKE PROPRIETARY AND CONFIDENTIAL

For use by Fluke and Fluke Partners only.

Optional accessories (all models):

- FLK-TI-VISOR2 - Thermal Imager Visor
- FLK-TI-TRIPOD2 - Tripod Mounting Accessory
- FLK-TI-SBP3 - Additional Smart Battery
- FLK-TI-SBC3 - Additional Smart Battery Charger
- TI-CAR CHARGER - Thermal Imager Car Charger
- FLK-FC-SD – Fluke Connect 8 Gb Wireless SD Card (Consider purchasing a spare card, as they are small and easily misplaced) (Only available in licensed countries)

Introduction schedule:

- Order entry opens for distributors: **NOW, 2014**
- ATP: 4 weeks at launch (We expect to go to 2 weeks soon after. Check with your Fluke salesperson for the most updated ATP)
- Public Embargo: **June 16, 2014**
- www.fluke.XXX live: **June 16, 2014**
- Start distributor order fulfillment: **Allocation based, starting June 16**
- Fluke Email Announcement to Fluke database: **June 17**

Product pricing and ordering information:

Fluke model	Description	Part number	UPC codes	ECCN	Harmonization code	Product including packaging				Origin	Euro list price
						Length	Width	Height	Weight		
FLK-Ti90 9 HZ/NFC	Ti90 Thermal Imager, 9 Hz	4416293	0 95969 69544 2	6A993	9027504020	33 cm (13 in)	19 cm (7.5 in)	20.3 cm (8 in)	3.5 kg (7.8 lbs)	USA	€ 1,195
FLK-Ti90 9 HZ	Ti90 Thermal Imager wFluke	4484837	0 95969 72546 0	6A993	9027504020	33 cm (13 in)	19 cm (7.5 in)	20.3 cm (8 in)	3.5 kg (7.8 lbs)	USA	€ 1,195
FLK-Ti95 9 HZ/NFC	Ti95 Thermal Imager, 9 Hz	4416302	0 95969 69545 9	6A993	9027504020	33 cm (13 in)	19 cm (7.5 in)	20.3 cm (8 in)	3.5 kg (7.8 lbs)	USA	€ 1,595
FLK-Ti95 9 HZ	Ti95 Thermal Imager wFluke	4484843	0 95969 72547 7	6A993	9027504020	33 cm (13 in)	19 cm (7.5 in)	20.3 cm (8 in)	3.5 kg (7.8 lbs)	USA	€ 1,595

Currency prices & Discount schedule:

Thermal imager and accessories discount: Normal Ti discounts applies (Ti low end category)

Oracle #	Fluke Noun	EUR
4484837	FLK-Ti90 9Hz	1195
4484843	FLK-Ti95 9Hz	1595
4416293	FLK-Ti90 9HZ/NFC	1195
4416302	FLK-Ti95 9HZ/NFC	1595

ECCN for the above thermal imagers: 9 HZ Models: 6A993
EU Harmonization Code for the thermal imagers: 9 HZ Models: 9025192090

Service plan:

- Standard two year warranty
- Recommended calibration cycle: Two years
- Calibration and service locations: Everett, WA USA; Eindhoven, NL; Singapore

Marketing assets:

Get the information you need to market and sell these tools

Download digital files from the Fluke download site at [Fluke Partner Portal](#) starting on June 16, 2014:

- Technical data sheet pdfs
- Print advertisement pdfs
- E-campaign assets (email and banners)
- Catalog copy
- Photography

If you have any questions regarding these new products, or any of the other information in this announcement, please do not hesitate to contact your Fluke representative.

Features and benefits:

Wireless via Fluke Connect™ app (where available)

Collaborate and analyze with over 20 different Fluke test tools from anywhere, with any member of your team, at any time. With ShareLive™ video call, get approvals without leaving the field

5.6 mRad — Best-in-class* spatial resolution

Get superior quality images so you can conduct an infrared inspection from a safe distance with up to 84% better spatial resolution than other competitive models*

IR-Fusion® Picture-in-Picture

Get context for the infrared image with Picture-in-Picture on the Ti95 and full visible on both cameras. IR-Fusion® AutoBlend™ and Picture-in-Picture modes are available in SmartView® software, so that you can perform all of your analysis and image adjustments/enhancements with the included SmartView® software.

Large 3.5 inch LCD

Up to 32% larger screen than other competitive models* lets you clearly see what you are measuring

Fluke Connect™

- Fluke Connect™ App compatible (where available)
- Stay on the same page even when you and your team are in different places, only with ShareLive™ video call
- With the Fluke Connect™ Wireless SD Card and the Fluke Connect™ app, you can now wirelessly save an image to your smart phone or into an Equipment Log file in the Fluke Cloud.
- The Fluke Connect™ app and connectable tools are the most comprehensive way to stay in contact with your team without leaving the field. With over 20 connectable tools, confidently diagnosing and solving problems has never been easier.

Superior image quality and viewing

- 5.6 mRad for best-in-class* spatial resolution
- 80x80 (Ti95) or 80x60 (Ti90) thermal resolution
- 3.5" color LCD screen that is up to 32% larger than other competitive models*, with adjustable brightness for easy viewing in most conditions
- IR-Fusion® technology — Picture-in-Picture (Ti95 only) and full visible on camera for easier identification and reporting of problems. AutoBlend™ and Picture-in-Picture modes are available in SmartView® software (both models), so that you can perform all of your analysis and image adjustments/enhancements with the included SmartView® software.

Removable storage

- Removable 8 Gb SD memory card and 8 Gb wireless SD card (where available)
- Thumbnail view memory
- .IS2, .BMP, and .JPG file formats on imager; export to multiple file formats from SmartView® software
- Direct transfer of images to PC via included USB cable for added convenience

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Additional Features

- Designed to withstand a 2 m (6.5 ft) drop
- Hand strap (Ti95 only) and integrated lens cap
- Rugged, rechargeable lithium-ion smart battery pack with five-segment LED display to show charge level
- One-handed operation so your other hand is free to hold the ladder or your tool bag
- Focus-free system takes the hassle out of focusing – optimized for 18 inches and beyond
- Quick access level/span adjustment for faster image optimization in the field
- Fast auto rescale in manual mode for quick adjustment in dynamic situations
- Hot and cold spot markers (Ti95 only)
- SmartView® analysis and reporting software included (with free upgrades through life of product)

*Compared to industrial hand-held infrared cameras in the same price range, based on MSRP as of May 1, 2014.

Customer applications:



Who uses them?	Where are they used?
<ul style="list-style-type: none"> ▪ Maintenance professionals ▪ Troubleshooting technicians ▪ Industrial and commercial electricians ▪ HVAC/R technicians ▪ Facilities managers 	<ul style="list-style-type: none"> ▪ Industrial plants (manufacturing, process, petrochemical, etc) ▪ Commercial buildings and facilities ▪ Government buildings ▪ Schools ▪ Hospitals ▪ Electrical and water utilities

Basic Product Specifications:

	Ti125	Ti110	Ti105	Ti100	Ti95	Ti90
IFOV (spatial resolution)	3.39 mRad				5.6 mRad	
Resolution	160x120 (19,200 pixels)				80x80 (6,400 pixels)	80x60 (4,800 pixels)
Field of view	22.5 °H x 31 °V				26 °H x 26 °V	19.5 °H x 26 °V
Wireless; Fluke Connect™ App compatible	Yes, with included wireless SD Card (where available)					
IR-Fusion® AutoBlend™ mode	Yes		Yes (Mid IR Mode)		—	
IR-Fusion® Picture-In-Picture (PIP)	Yes		PIP (1.2 m (4 ft) to 4.6 m (15 ft))	—	PIP (46 cm (18 in) and beyond)	—
Focus system	IR-OptiFlex™ focus system 15 cm (6 in) and beyond		Fixed focus 122 cm (48 in) and beyond		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)					≤ 0.15 °C at 30 °C target temp (150 mK)
Enhanced Sensitivity with TiR™ mode	≤ 0.08 °C at 30 °C target temp (80mK)				—	
Temperature measurement range (not calibrated below -10 °C)	-20 °C to +350 °C (-4 °F to +662 °F)	-20 °C to +250 °C (-4 °F to +482 °F)				
Built-in digital camera (visible light)	2 megapixel industrial performance			None - IR Only	2 megapixel industrial performance	
Laser Pointer	Yes				—	
Torch	Yes				—	
Voice annotation	60 seconds maximum recording time per image; reviewable playback on camera		—			
IR-PhotoNotes™	Yes (3 images)		—			
Standard video recording	Yes (AVI with MPEG encoding, up to 5 minutes)		—			
Warranty	Two-years (standard), extended warranties are available					

Note: For detailed specifications please see the Technical Data Sheet, literature #6002307

(**) Countries with WiFi – radio license:

Australia, Austria, Belgium, Bulgaria, Canada, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom, United States

This list is subject to change as more countries get a license. Check the Fluke Ti web site regularly