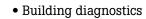
HANDHELD

Where used

• Mechanical

Technicians and contractors who need quality images and feature rich affordability for quick scans and/or intermittent inspections.

- Electrical inspectionsHVAC/R inspections
- Residential home inspections
 - Light commercial maintenance
 - Industrial maintenance
 - Chemical processing
- Oil and gas processing
- Reliability inspections (PdM)
- Light utility inspections
- Water and wastewater



- Building envelope
- Commercial/industrial facilities



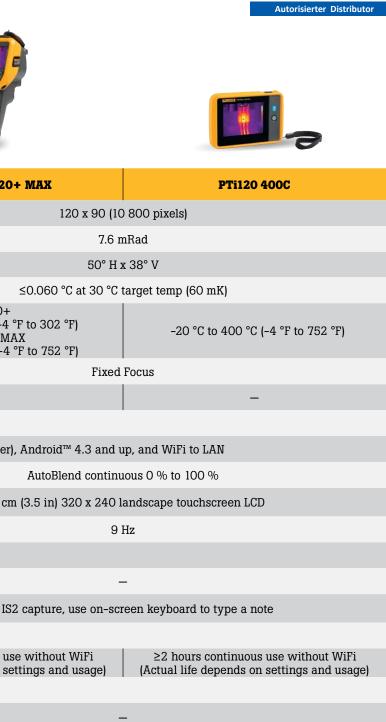


	TiS75+	TiS60+	TiS55+	TiS20+/TiS20
Infrared resolution	384 x 288 (110 592 pixels)	320 x 240 (76 800 pixels)	256 x 192 (49 152 pixels)	
IFOV (spatial resolution)	1.91 mRad	1.86 mRad	1.91 mRad	
Field of view	42° H x 30° V	34.1° H x 25.6° V	28° H x 20° V	
Thermal sensitivity*	≤0.040 °C at 30 °C target temp (40 mk)	≤0.045 °C at 30 °C target temp (45 mK)	≤0.040 °C at 30 °C target temp (40 mk)	
Temperature range	-20 °C to 550 °C (-4 °F to 1022 °F)	–20 °C to 400 °C (-4 °F to 752 °F)	-20 °C to 550 °C (-4 °F to 1022 °F)	TiS20+ -20 °C to 150 °C (-4 TiS20+ M/ -20 °C to 400 °C (-4
Focus system	Manual focus	Fixed Focus	Manual focus	
Level and span		Smooth auto and	l manual scaling	
Optional lenses			Not compatible with optional lenses	
Wireless connectivity**		Fluke Connect™ ap	p compatible. Wireless connectivity to PC, iPhone	[®] and iPad [®] (iOS 4s and later)
IR-Fusion [™]	AutoBlend continuous 0 % to 100 %	Yes, 4 levels 0 %, 25 %, 50 %, 75 %, 100 %	AutoBlend continuous 0 $\%$ to 100 $\%$	
Display	8.9 cm (3.5 in) 640 x 480 landscape touchscreen LCD	8.9 cm (3.5 in) 320 x 240 landscape LCD	8.9 cm (3.5 in) 640 x 480 landscape touchscreen LCD	8.9 cn
Frame rate	9 Hz or 27 Hz models	9 Hz or 30 Hz models	9 Hz or 27 Hz models	
Software		Full analysis	and reporting software with access to Fluke Con	nect Desktop
Voice annotation	Yes, 60 second maximum audio recording	g via Bluetooth Audio Headset Profile (HSP) conne	ction to external device. (sold separately)	
Text annotation	After IS2 capture, use on-screen keyboard to type a note	-	After IS2 capture, use on-screen keyboard to type a note	After IS
Video recording	Standard and radiometric video, mp4 and is3			-
Battery life	≥3.5 hours continuous use without WiFi (Actual life depends on settings and usage)	≥4 hours continuous use without WiFi (Actual life depends on settings and usage)	≥3.5 hours continuous use without WiFi (Actual life depends on settings and usage)	≥5 hours continuous us (Actual life depends on se
Data streaming	Yes			-
Color alarms	High temperature, low temperature, inside or outside a set range, and dew point calculation	High temperature, low temperature, and isotherms (within range)	High temperature, low temperature, and inside or outside a set range	
Warranty			2 year	
Asset tagging	Automatically organize and file thermal images by scanning QR codes	-	Automatic	ally organize and file therma

*Best possible **Fluke Connect[™] not available in all countries.







nal images by scanning QR codes

HANDHELD

Professional in-house, service, and contract thermographers as well as maintenance personnel who need quality images and advanced features and specifications for use in multiple applications.

Where used

- Industrial maintenance
- Heavy commercial facility maintenance
- Oil and gas maintenance
- Veterinary



- Reliability inspections (PdM)
- Heavy building diagnostics - Building envelope
- Construction defects
- Electrical, water, gas utilities
- Chemical processing
- Machinery, instrumentation and appliances
- Power generation/transmission
- Research and development
- Electrical
- Mechanical
- Sciences
- Quality control

ADD ON LENSES (TIX580 and Ti480 PRO)

	Ti480 PRO	TiX580				
Infrared resolution	640 x 480 (3					
SuperResolution	Software only–Captures and combines 4x the data to create a 1280 x 960 image	Camera and software–Captures and combines 4x the data to create a 1280 x 960 image				
FOV spatial resolution)	0.93 mRad			Wide Angle Lens	4X Telephoto Lens	2X Telephot
ield of view	34° H	34° H x 24° V		LENS/WIDE2	LENS/4XTELE2	LENS/TE
nermal sensitivity*	≤0.05 °C at 30 °C t	≤0.05 °C at 30 °C target temp (50 mK)		TiX580 and Ti480 PRO:	TiX580 and Ti480 PRO:	TiX580 and Ti48
emperature range		o 1000 °C o 1832 °F)	resolution)	1.86 mRad	0.17 mRad	0.33 mRad
IultiSharp™ Focus	Yes, automatically captures in focus objects	at different distances using multiple images	Field of view	46° H x 34° V	6.0° H x 4.5° V	12° H x 9°
aserSharp™ Auto Focus	Yes, laser calculation of dis	stance for automatic focusing				
Ianual focus	У	/es				
aser distance meter	Yes, calculates distance to the target for precisely	y focused images and displays distance on screen	Focus distance	15 cm (approximately 6 in)	1.5 m (approximately 5 ft)	45 cm (approxima
ptional lenses	Pre-calibrated smart optional lenses:	wide angle, 2x and 4x telephoto, macro				
Vireless connectivity**	and Wil	C, iPhone® and iPad® (iOS 4s and later), Android™ 4.3 and up, Fi to LAN				
R-Fusion [™]		- Picture (PIP), IR/Visible alarm, Full IR, Full visible light) add etails to your infrared image				
isplay	8.9 cm (3.5 in) 640 x 480 touchscreen LCD	14.48 cm (5.7 in) 640 x 480 touchscreen LCD				
rame rate	60 Hz or 9	60 Hz or 9 Hz models				
oftware	Full analysis and reporting software with access to Fluke	Connect Desktop and SmartView Classic desktop software		25 Micron Macro Lens	Au	torisierter Distrib
Voice annotation	Yes, 60 second maximum audio recording	Yes, 60 seconds maximum audio recording, Bluetooth headset required		LENS/25MAC2		W Meßtechnik Gm
ext annotation	Yes. Including standard shortcuts as	s well as user programmable options	Object size	7.8 mm x 5.8 mm		nmelweg 31 57 Bünde
ideo recording	Standard and radiometric. mp4 is3				Fon	: 05223 / 9277 - 0
treaming video remote display)	Yes, see the live stream of the camera display on your PC or TV monitor. Use USB, WiFi hotspot, or WiFi network to Fluke Connect Desktop software on a PC; use WiFi hotspot to the Fluke Connect™ app on a smartphone; or use HDMI to a TV monitor		Focus distance 10.4 mm ± 1 mm (0.		a) Fax: 05223 / 9277 - 40 info@tvwbuende.de www.tvwbuende.de	
lemote control operation	Yes, through Fluke (Yes, through Fluke Connect™ mobile app				
Color alarms	High temperature, low temperat	High temperature, low temperature, and isotherms (within range)				
Warranty	2 3	year				





Autorisierter Distributor







R&D professionals, scientists and engineers who require a mounted infrared camera to continuously stream, measure and analyze data

Where used

- Electrical

- Mechanical

- Biology/sciences

- Research and development
- Quality control
- Pre- and post- production testing





	RSE600/C	RSE300/C				
Infrared resolution	640 x 480 (307 200 pixels)	320 x 240 (76 800 pixels)				
IFOV (spatial resolution)	0.93 mRad	1.85 mRad				
Field of view	34°H x 24°V			Wide Angle Lens	4X Telephoto Lens	2X Telephoto Lens
Thermal sensitivity*	\leq 0.040 °C at 30 °C target temp (40 mK)*	≤0.030 °C at 30 °C target temp (30 mK)*	IFOV (spatial	0.75X-WIDE-LENS	FLK-4X-LENS	FLK-2X-LENS
Temperature range	-10 °C to 1200 °C	-10 °C to 1200 °C (14 °F to 2192 °F)		RSE600/C: 0.93 mRad RSE300/C: 1.85 mRad	RSE600/C: 0.24 mRad RSE300/C: 0.48 mRad	RSE600/C: 0.47 mRad RSE300/C: 0.94 mRad
Focus systems	Focus is adjusted in Fluke SmartView R&D software		resolution)			
Optional lenses	Pre-calibrated smart lenses: wide angle, 2x telephoto, 4x telephoto, macro		Field of view	45° H x 32° V	8.5° H x 6.0° V	17° H x 12° V
IR-Fusion [™]	Five modes of image blending (AutoBlend discrete levels 0% 25% 50% 75% 100%, Picture-in- Picture (PIP), IR/Visible alarm, Full IR, Full visible light) add the context of the visible details to your infrared image		Focus distance	15 cm (approximately 6 in)	1.5 m (approximately 5 ft)	45 cm (approximately 18 in
Display	No on-camera display					
Design	Can be mounted to a stand or wall bracket for continuous data streaming					
Frame rate	60 Hz or 9 Hz versions					
Software	Full analysis and reporting software with Fluke SmartView R&D Compatible with MATLAB [™] and LabVIEW™ software					
Voice annotation	Yes, in Fluke SmartView R&D software					
Text annotation	Yes, in Fluke SmartView R&D software				-	
Video recording	Radiometric, in Fluke SmartView R&D software, with exports to standard non-radiometric formats			25 Micron Macro Lens MACRO-LENS	Aut	orisierter Distributor
Streaming video (remote display)	Yes, see the live stream of the camera display on your PC via Smartview R&D software		Object size	11 mm x 8.25 mm	TVW Meßtechnik GmbH Semmelweg 31	
Remote control operation	Yes, through ethernet and Flu	uke SmartView R&D software				57 Bünde : 05223 / 9277 - 0
Alarms	Yes, in Fluke SmartView R&D software-high tempera	ature, low temperature, and isotherms (within range)	Focus distance	10.8 mm ± 1 mm (0.4 in)		05223 / 9277 - 40 @tvwbuende.de
Warranty	2 y	rear			www	v.tvwbuende.de

*Best possible





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