

Infrared Camera Selection Guide

FLUKE®



	PTi120	TiS20+/ Ti20+ MAX	TiS60+	TiS55+	TiS75+	Ti401 PRO	Ti480 PRO	TiX580
Key Features								
Infrared Resolution	120 × 90 (10,800 pixels)		320 × 240 (76,800 pixels)	256 × 192 (49,152 pixels)	384 × 288 (110,592 pixels)	640 × 480 (307,200 pixels)		
SuperResolution	-						Yes, in software.	
Temperature Range	-20°C to 400°C	-20°C to 150°C (400°C for MAX)	-20°C to 400°C	-20°C to 550°C		-20°C to 650°C	-20°C to 1,000°C	
IFOV with Standard Lens (spatial resolution)	7.6 mRad, D:S 130:1		1.86 mRad, D:S 532:1	1.91 mRad		0.93 mRad, D:S 1065:1		
Field of View	50°H × 38°V		34.1°H × 25.6°V	28°H × 20°V	42°H × 30°V	34°H × 24°V		
Minimum Focus Distance	50 cm		46 cm	50 cm		15 cm		
MultiSharp Focus	-						Yes, focused throughout the field of view	
LaserSharp Auto Focus	Fixed Focus			Manual Focus			Yes, for consistently in-focus images. Every. Single. Time	
Laser Distance Meter	-						Yes, calculates distance to the target for precisely focused images and displays distance on screen	
Advanced Manual Focus	Fixed Focus			Manual Focus			Yes	
Wireless Connectivity	Yes, to PC, iPhone® and iPad® (iOS 4s and later), Android™ 4.3 and up, and WiFi to LAN (where available)							
Fluke Connect® App Compatible	Yes*, connect your camera to your smartphone, and images taken automatically upload to the Fluke Connect® app for saving and sharing							
IR-Fusion Technology	AutoBlend continuous 0% to 100%. Adds the context of the visible details to your infrared image							
Battery Life	≥ 2 hours continuous (without WiFi)	≥ 5 hours continuous (without WiFi)	4 hours continuous use per battery pack	3.5 hours continuous (without Wifi)		2-3 hours continuous use per battery pack		
Warranty	Two years (standard)							