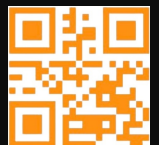


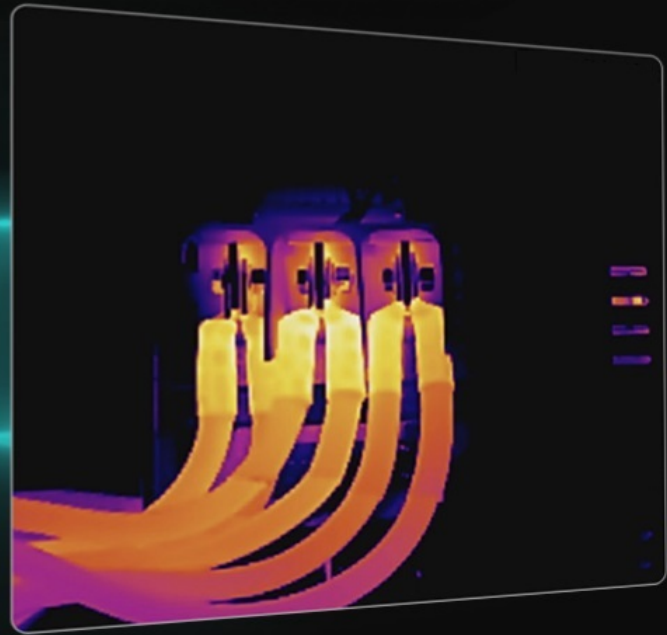


Rugged & Durable Design  
IP54 rated for protection against water and dust. Featuring 2-meter (6.6ft)  
drop protection, suitable for industrial use.



### 1-Tap Level & Span

Quickly highlights the area of the image you are interested in by narrowing the span with one tap on the 3.5" LCD touchscreen, instantly improving image contrast and highlighting potential problems.



Multiple Image Annotations Text or audio annotations within the images instead of taking notes by hand, helping to improve inspection efficiency and productivity.

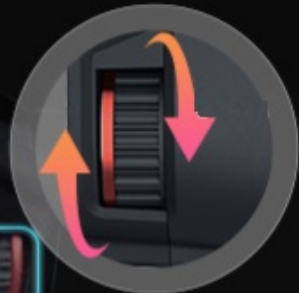


60 Seconds Voice Annotation



200 Characters Text Annotation

Adjusting the manual focus ring allows to see objects clearly on targets as close as 0.1 m (0.33 ft) and still capture sharp images and more accurate results from further away.



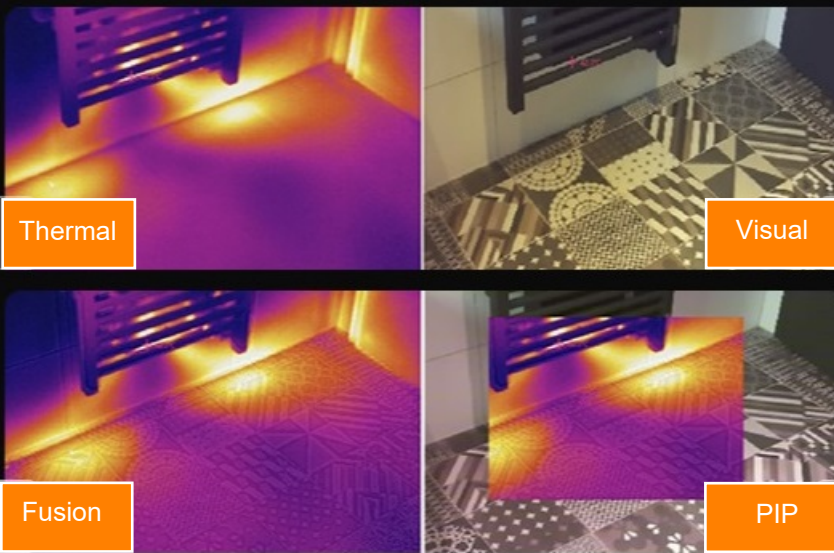
# Specifications:



Partameters / Model	STEK Ti60	STEK Ti30	STEK Ti20W	STEK Ti20	STEK Ti10W	STEK Ti10
IR Resolution	640 x 480 (307,200 pixels)	384 x 288 (110,592 pixels)	256 x 192 (49,152 pixels)	256 x 192 (49,152 pixels)	192 x 144 (27,648 pixels)	192 x 144 (27,648 pixels)
SuperIR	1280 x 960 (1,228,800 pixels)	768 x 576 (442,368 pixels)	512 x 384 (196,608 pixels)	512 x 384 (196,608 pixels)	384 x 288 (110,592 pixels)	384 x 288 (110,592 pixels)
NETD	< 35 mK (@ 25 °C, F#=1.0)	< 35 mK (@ 25 °C, F#=1.0)	< 40 mK (@ 25 °C, F#=1.0)	< 40 mK (@ 25 °C, F#=1.0)	< 40 mK (@ 25 °C, F#=1.0)	< 40 mK (@ 25 °C, F#=1.0)
Image Frequency	30 Hz		25 Hz			
Detector Pitch	17 µm		12 µm			
Spectral Range	7.5 to 14 µm					
Focal Length	15 mm	9.7 mm	3.6 mm	6.9 mm	3.6 mm	6.9 mm
F-number	F1.0					
Field of View (FOV)	41.9° x 33.3°	37.5° x 28.5°	50° x 37.2°	25° x 18.8°	37.2° x 27.8°	18.8° x 14.1°
Spatial Resolution (IFOV)	1.13 mrad	1.75 mrad	3.33 mrad	1.74 mrad	3.33 mrad	1.74 mrad
Focus Mode	Manual Focus	Manual Focus	Focus Free	Manual Focus	Focus Free	Manual Focus
Min. Focus Distance	0.3 m (0.98 ft)	0.2 m (0.65 ft)	0.5 m (1.64 ft)	0.1 m (0.33 ft)	0.5 m (1.64 ft)	0.1 m (0.33 ft)
Visual Camera	3264 x 2448 (8 MP)					
Display	640 x 480 Resolution, 3.5" LCD Touch Screen					
Screen Brightness	Manual					
Digital Zoom	1.0x to 8.0x continuous					
Color Palettes	White Hot, Black Hot, Rainbow, Ironbow, Red Hot, Fusion, Rain, Blue Red					
Focus Mode Palette	Above/Below/Interval					
Color Alarm	Above/Below/Interval/Insulation					
Image Modes	Thermal/Visual/Fusion/PIP/Blending					
Object Temperature Range	-20 °C to 650 °C (-4 °F to 1202 °F)	-20 °C to 550 °C (-4 °F to 1022 °F)				
Accuracy	Max (±2°C/3.6°F, ±2%), for the ambient temp. 15°C to 35°C (59°F to 95°F) and object temp. above 0°C (32°F)					
Measurement Tools	Center Spot, Hot Spot, Cold Spot User-definable: 10 spots, 1 line, 5 rectangles, and 5 circles					
Level and Span Mode	Auto/Manual/1-Tap Touch-screen					
Storage Media	Removable 64 GB Micro SD Card			Removable 32 GB Micro SD Card		
Image Storage Capacity	Approx. 100,000 Images			Approx. 60,000 Images		
Annotations	Voice note: max. 60 seconds; Text note: max. 200 characters					
Video Storage Capacity	Approx. 300 hours			Approx. 150 hours		
Video File Format	MP4 video and radiometric video			MP4 video		
Radiometric Infrared-Video Streaming (Compressed)	Over UVC			N.A.		
Wi-Fi	802.11 b/g/n (2.4 GHz and 5 GHz).					
Bluetooth	Bluetooth 4.2					
USB Interface	USB Type-C					
Battery Type	Interchangeable and rechargeable Li-ion battery					
Laser	Yes, Class II, Wavelength: 650 nm; Power: < 1 mW					
Battery Operating Time	Approx. 4 hours			Approx. 6 hours		
Battery Charging Time	Approx. 4 hours fully charged					
Protection Level	IP54					
Drop Test Height	2 m (6.56 ft)					
Safety	IEC 61010-1					
EMC	EN55032, EN61326-1, EN61000-3-2, EN61000-3-3, EN IEC 61000-6-2, EN IEC 61000-6-3		EN 50130-4, EN 55032, EN IEC 61000-3-2, EN 61000-3-3			
Vibration	0.03 g <sup>2</sup> /Hz (3.8 g), 2.5 g IEC 60068-2-6		1 g, IEC 60068-2-6			
Shock	25 g, IEC 60068-2-27		15 g, IEC 60068-2-27			
Working Temperature Range	-10°C to 50°C (-4°F to 122°F)					
Storage Temperature Range	-20°C to 70°C (-4°F to 158°F)					
Relative Humidity	< 95% non-condensing					
Weight	Approx. 686g (1.51 lb)		Approx. 660g (1.46 lb)			
Dimension	244 x 100 x 104 mm (9.6 x 3.9 x 4.1 in)					
Tripod Mounting	UNC ¼"-20					
Warranty	3 years for the full product, 10 years for the detector, and 2 years for the battery.					



Conveniently Share Images and Reports Connect STEK Viewer App via Wi-Fi to transfer photos or videos from camera to mobile device. Analyze, share images, and generate reports in real-time on-site.



- Accessories Supplied:**
- Thermal Imager with Wrist Strap
  - Interchangeable and Rechargeable Li-ion Batteries (x2)
  - Power Supply for Battery Charger & Two-bay Battery Charger
  - International Use Plugs (US/EU/UK/AU) for Power Supply (x4)
  - USB 2.0 A to USB Type-C Cable
  - Hard Carrying Case
  - Calibration Certificate / Quick Start Guide
  - 16GB Micro SD card(M10/M20/M20W) / 64GB Micro SD card

