

# 1280

## WELCOME TO THE INFRARED MP-LEVEL AGE

The World's First Portable Thermal Camera  
with MP-level Infrared Resolution



### PT-Series



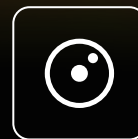
1280x1024  
IR Resolution



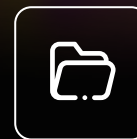
5.5-inch  
Multipoint Touchscreen



ContFocus  
Continuous Autofocus



1920x1080  
OLED Eyepiece



OTA Update



5G Communications

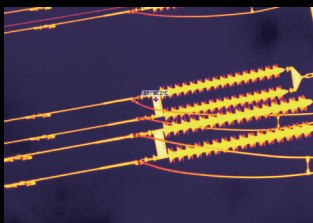
## Features

- Up to 1280x1024 IR resolution
- An optional temperature range to 2500°C
- Infrared video at 20 Hz
- ContFocus intelligent and continuous autofocus model
- Observation of 36µm objects through a macro lens
- PerIRVision image stitching technology

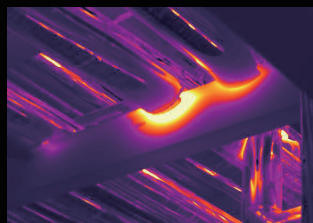
## Specifications

Model	PT850	PT870
<b>Imaging &amp; Optical</b>		
Detector	VOx, 7.5 to 14 µm	
IR Resolution	1024x768@12µm	1280x1024@12µm
Field of View (FOV)	25°x19°	
Frame rate	30Hz/9Hz	
Focus	Automatic/Manual (focus ring)	
<b>Measurement</b>		
Temperature Range	-40°C to 150°C, 0°C to 800°C, support auto-switching, 400°C to 2500°C (a high-temperature lens is required)	
Accuracy	±1°C or ±1%, whichever is greater	
<b>Image display</b>		
Display	5.5-inch LCD high-brightness multipoint LCD touchscreen	
Eyepiece	1920x1080 pixel OLED display	
<b>Others</b>		
Storage Media	64 GB of local storage, removable SD card (up to 256 GB)	
Network	WIFI and 5G, live images and video from the device can be viewed on a mobile device	
Battery Operating Time	≥4 hours	
Weight	≤1.8 KG (with a standard lens and battery)	

## Applications



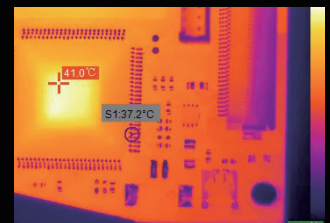
Electric Power



Ferrous Metallurgy



Building



Scientific research

Instruments  
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