

# 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



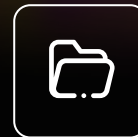
5.5-inch  
Multipoint Touchscreen



ContFocus  
Continuous Autofocus



1920x1080  
OLED Eyepiece



OTA Update



5G Communications

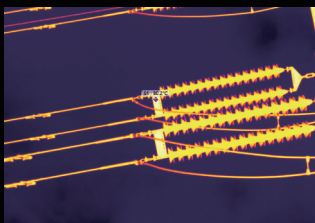
## Features

- 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

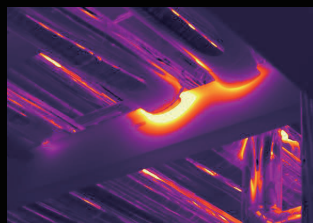
## Specifications

Model	PT850	PT870
<b>Imaging &amp; Optical</b>		
Detector	VOx, 7.5 to 14 µm	
IR Resolution	1024×768@12µm	1280×1024@12µm
Field of View (FOV)	25°×19°	
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	1920×1080 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



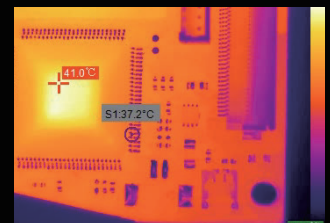
Electric Power



Ferrous Metallurgy



Building



Scientific research

### Guide Sensmart Tech Co.,Ltd

Loeffelholzstrasse 20, Haus 12 Eingang Nord, 90441 Nuremberg, Germany

Email: [enquiry@guide-infrared.com](mailto:enquiry@guide-infrared.com)

