

5.5-inch HD LCD touch panel

NEW

PK-80 PK-160

The Real Tablet Thermal Camera

Ideal Portable Thermal Solution in the Age of the Internet



Tablet? Thermal Camera? Both!

PK-80, PK-160 integrates tablet and thermal camera technologies, which makes the device a multifunctional, multi-application device.

Always Online

PK-80, PK-160 can access the internet via either a WIFI connection or tablet network. Users can share thermal information with other people anytime, anywhere.



Ergonomic Design



Shock Resistance



Infrared Video Store



Anti-electromagnetic interference



Anti-drop



Thermal Video Player



Internet Connection



USB



Bluetooth



5.5" Touch Screen LCD



WIFI



Power Save



Perfectly integrates tablet and thermal camera technologies

Integrating infrared imaging technology with telecommunications technology. High-quality infrared imaging in combination with a tablet allows the user to communicate in real time, and allows live image video transmission.

Android Platform: Open Source and Expandable

Based on the Android operating platform, the system is intelligent, scalable and easy to use.



Multifunction USB connector

The USB port allows the user to re-charge camera and transfer data in one convenient connector.



5.5 Inch Capacitive Touch Screen

PK-80, PK-160 has a 5.5 inch touch screen display, which provides a rapid response interface and an excellent user experience. The infrared image is displayed more vividly and allows the user to see objects in finer detail.



8 Mega Pixels HD CCD

HD CCD provides vivid images with every detail.



Additional Integrated Features

With Bluetooth, WiFi, compass, and other functions in one device, information can be transmitted anytime, anywhere with this professional infrared camera. These features make the PK-160, PK-80 a multifunctional, multi-application device.



LEADING THE WAY IN THERMAL IMAGING
With our new camera for the tablet/internet generation

Powerful analysis functions

PK-80 PK-160 provides powerful measurement features which include 5 moveable spots, auto high/low temperature tracking, temperature alarms, isotherm, circle and area boxes.



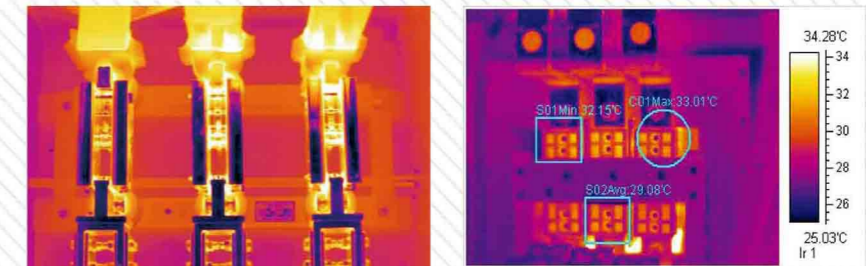
Thermal Testing



File Report



Video Conference



Type	PK-160	PK-80
Image performance		
FOV	21° x 28°	21° x 21°
Spatial resolution	4 mrad	4.6 mrad
Thermal sensitivity	≤0.08°C@30°C	≤0.1°C@30°C
Detector resolution	160x120	80x80
Focus	Fixed focus	
Image presentation		
Image mode	IR/CCD	
Visible pixels	High Definition CCD, 8 million pixels	
LCD Display	5.5" HD Capacitive touch screen	
File format(IR/CCD)	.JPG	
Temperature measurement		
Measurement mode	5 movable spots, auto hot/cold spot capture, isothermal analysis, 2 circle analysis, 2 rectangular analysis	3 movable spots, auto hot/cold spot capture, isothermal analysis, 1 circle analysis, 1 rectangular analysis
Measurement accuracy	± 2°C or ± 2% of readings	
Protective Performance		
Packaging Standard	IP54	
Shock/Vibration resistance	25G/2G	
Drop resistance	Yes	
Operating temperature	0°C~+50°C	
Wireless transmission and positioning		
WiFi	Yes	
Bluetooth	Yes	
Additional features		
Built-in memory	Yes	
Video record	Yes	
Ports	USB port, 3.5mm earphone port	