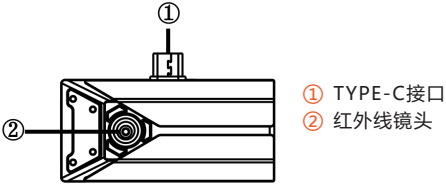


Q03手机热成像仪
说明书

产品描述

感谢您选购便携式热成像仪，这款设备可将智能手机轻松升级为高性能热成像设备。



安全与维护

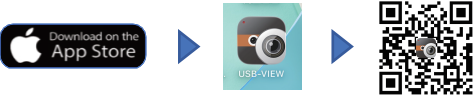
为确保您本人及他人的安全，并避免对产品造成任何损害，在操作前请仔细阅读并确保您完全理解本手册中所有安全说明及注意事项。

- 请勿长时间将红外相机对准太阳或其他强能量源，否则可能导致相机内探测器受损。
- 请将设备置于干燥处，避免接触水分以防泄漏或短路。
- 请勿用手触摸镜片。禁止敲击、撬动、刺破或刮伤镜片。
- 请勿拆卸该装置。
- 请用酒精清洗外壳，不要使用研磨剂、异丙醇或溶剂清洁仪器外壳镜头/窗口。

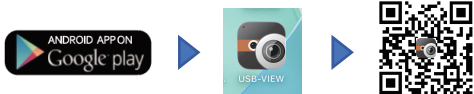
使用说明

下载&安装APP

• IOS设备--在苹果商店下载“USB-VIEW”应用软件或扫描下方二维码安装

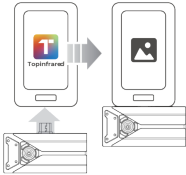


• 安卓设备--在应用Google play下载“USB-VIEW”应用软件或扫描下方二维码安装



操作说明

- 启动手机上安装好“USB-VIEW”的程序。
- 通过TYPE-C接头或使用随附的多功能适配器线缆，将Q03手机热成像仪直接连接至移动设备

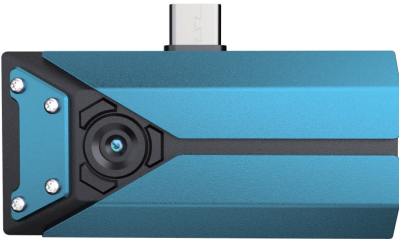


规格参数

红外线分辨率	240*240
像元素距	12μm
响应波段	8 ~ 14μm
NETD (噪声等效温差)	≤60mK(@25°C,F#1.0)
视场角	50.0°(H)x50°(V)/72.1°(D)
伪彩模式	支持白热、黑热、融合1、彩虹、融合2、铁红1、铁红2等15种模式
测温规则	普通测温模式:全屏最高温，最低温，平均温
测温范围	-20 °C~+150°C和100 °C~550 °C
测温距离	0.3~3m可设置
测温精度	+2°C或者读数的+2%(取最大值)

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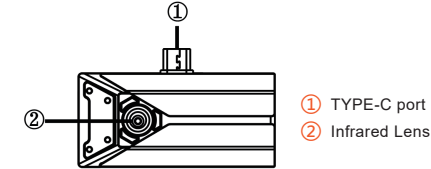
本手册中的所有信息均基于出版时的最新资料，对其准确性或完整性不作任何保证，且保留随时更改的权利，恕不另行通知。



Q03 Mobile Thermal Imager
INSTRUCTIONS

Product Description

Thank you for purchasing the portable thermal imager. This device can easily upgrade smartphones to high-performance thermal imaging devices.



Safety and Maintenance

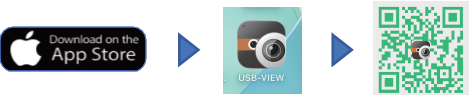
To ensure your safety and that of others, and to avoid any damage to the product, please read this manual carefully before operation and make sure you fully understand all safety instructions and precautions listed herein.

- Do not aim the infrared camera at the sun or other strong energy sources for extended periods, as this may damage the detector inside the camera.
- Please store the device in a dry place and avoid contact with moisture to prevent leakage or short circuit.
- Do not touch the lens with your hands. Do not strike, pry open, puncture, or scratch the lens.
- Do not disassemble this device.
- Please clean the outer shell with alcohol do not use abrasives, isopropyl alcohol or solvents to clean the instrument's lens/window.

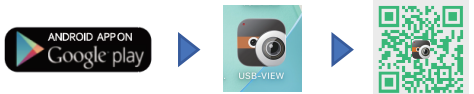
Instructions

Download & Install APP

• For IOS Devices -- Download App"USB-VIEW" from "Apple app store" or scan the QR code below and install it.

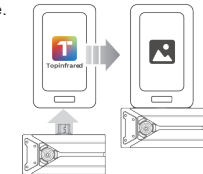


• For Android device -- Download App"USB-VIEW" from "Apple app store" or scan the QR code below and install it.



Operational instructions

- Start the phone and install the "USB-VIEW" program.
- Connect the Q03 mobile thermal imager directly to a mobile deviceusing the TYPE-C connector or the included multi-function adapter cable.



Specifications

Infrared resolution	240*240
Pixel pitch	12μm
Response Band	8 ~ 14 μm
NETD (Noise Equivalent Temperature Difference)	≤60 mK (@25°C, F#1.0)
Field of view angle	50.0°(H)x50°(V)/72.1°(D)
Pseudo-color mode	supports 15 modes induding white hot, black hot ,fusion 1, rainbowl, fusion 2, iron red 1, and iron red 2
Temperature measurement rules	Normal temperature measurement mode: Full screen maximum temperature, minimum temperature, average temperature
Temperature measurement range	-20°C~+150°C and 100°C~550°C
Temperature measurement distance	0.3~3m adjustable
Temperature measurement accuracy	+2°C or +2% of reading (take maximumvalue)

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