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| **Precautions**To protect you and others from harm or to protect your device from damage,Please read the following information before using your device. 1. Do not look the product directly at the sun and other high-intensity radiation sources;2. Do not touch or collide with other objects with the imager window and lens;3. Do not touch the device and USB port with wet hands;5. Do not scrub your device with thinner;6. Please pay attention to prevent static electricity;7. Do not disassemble the equipment, if there is a fault, please contact the company, and the professional will repair it.Product Overview2.1 Application scenariosTo use VSPVC360TM intelligent thermal infrared imager, you need to download and install intelligent terminals Thermal infrared imager Android intelligent terminal software, through which infrared is realizedDetection inspection and infrared imaging functions. The best imaging distance is fixed-point imaging within 1.5 meters.2.2 Main FunctionsThe main functions are as follows:(1) Open the application software of the infrared thermal imaging camera to realize infrared thermal imaging;(2) Infrared imaging and temperature analysis;(3) Take photos and videos;(4) Action control and parameter setting of thermal infrared imager. |  | **Technical parameters**Resolution: 256×192Cell size: 12μmResponse bands: 8~14μmLens focal length: 9.0mmField of view: 19.6°×14.7°Focusing method: Manual Image frame rate: 25HzNETD ≤50mk MRTD ≤500mK Operating temperature: -10℃~+ 50℃power consumption: < 350mWSupport system: Android 6.0 and above\*Image enhancement: Digital detail enhancementsCrosshairs: Division, high and low temperature trackingSwatches Multiple pseudo-color slabs such as white hot, black hot, red head, et Zoom Support : 1x~4x continuous digital zoom Video saving: Support photo and video saving functionsStorage temperature range: -20°C to 60 °C Interface type: USBPower Supply：3.8 ~ 5.5V DC  |
| 3. Software APP icon4. Product use4.1 Device ConnectionInsert the thermal imaging camera into the USB socket of the smart terminal, the smart terminal will automatically recognize the USB device and pop up a prompt, click "OK", the software will start the thermal infrared detector, and the screen of the smart terminal will enter the infrared thermal imaging screen.1) Gallery: Click to view the photos and videos stored in the gallery of the smart terminal.2) Take a photo: Save the current picture, and the photo location is: Internal Storage/DCIM.3) Recording: Click to start recording, click to end recording again, and the recording position is: internal storage/DCIM.Color palette: choose a different display mode; Such as iron red, white hotSpecial reminderWhen the thermal imaging checker is taken out from a place where the temperature of the environment to be measured is large, the imager should be placed in the environment to be measured for 20 minutes before use. |  | **Thermal infrared imaging detector system****VSPVC360TM User Manual** Please read the instructions carefully before use and store them properly**The software upgrade interface is different！** |