

Operation Guide for EasyIR APP

Notes:

The purpose of this document is to guide FOTRIC distributors or end-users on how to connect and operate the thermal camera with the EasyIR APP

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FOTRIC EasyIR APP Manual

Software Introduction:

The EasyIR APP enables users to stream data and operate FOTRIC thermal cameras with their mobile devices. The app helps users to: download, store, view, analyze, share and delete thermal images on your mobile device; view real-time non-radiometric video online, remotely control the camera to take pictures, auto-focus, etc.

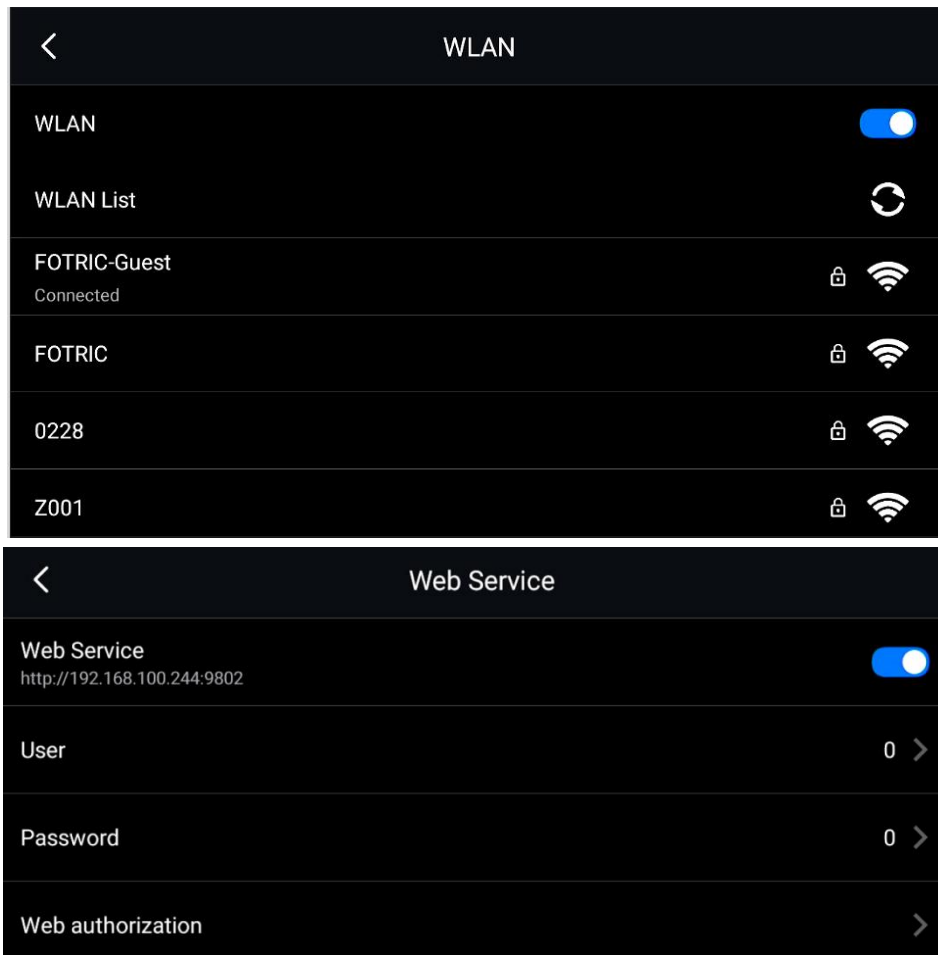
Software Installment:

Check if the FOTRIC 340's software version is V2.5.0 or above

Download 'EasyIR.apk' and install; (<https://www.fotric.com/fotric-easyir>)

Device-end Operation:

- Go to “ Settings” - “Connection”
- Turn on WLAN and connect to Wi-Fi.
- Turn on “Web Service” on the device



Connect through QR Code:

- Settings->Device Set->About->Status Information->IP Address

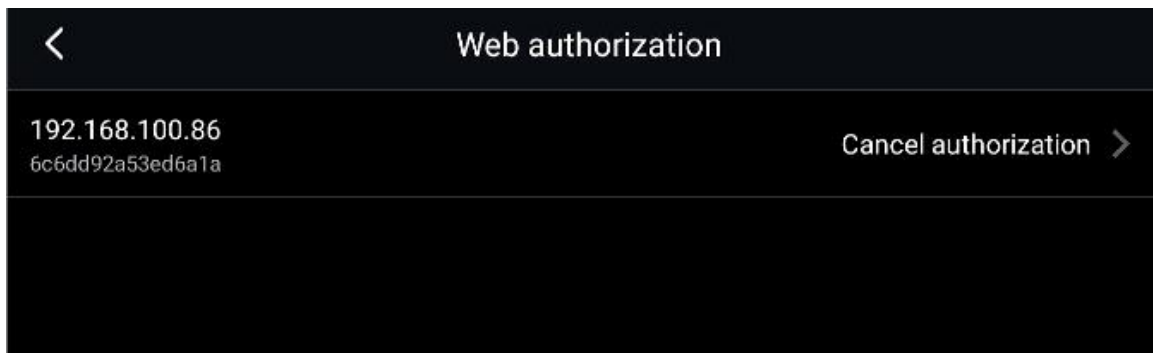


Connect through IP Address :

- Settings->Device Set->About->Status Information->IP Address

Web Authorization:

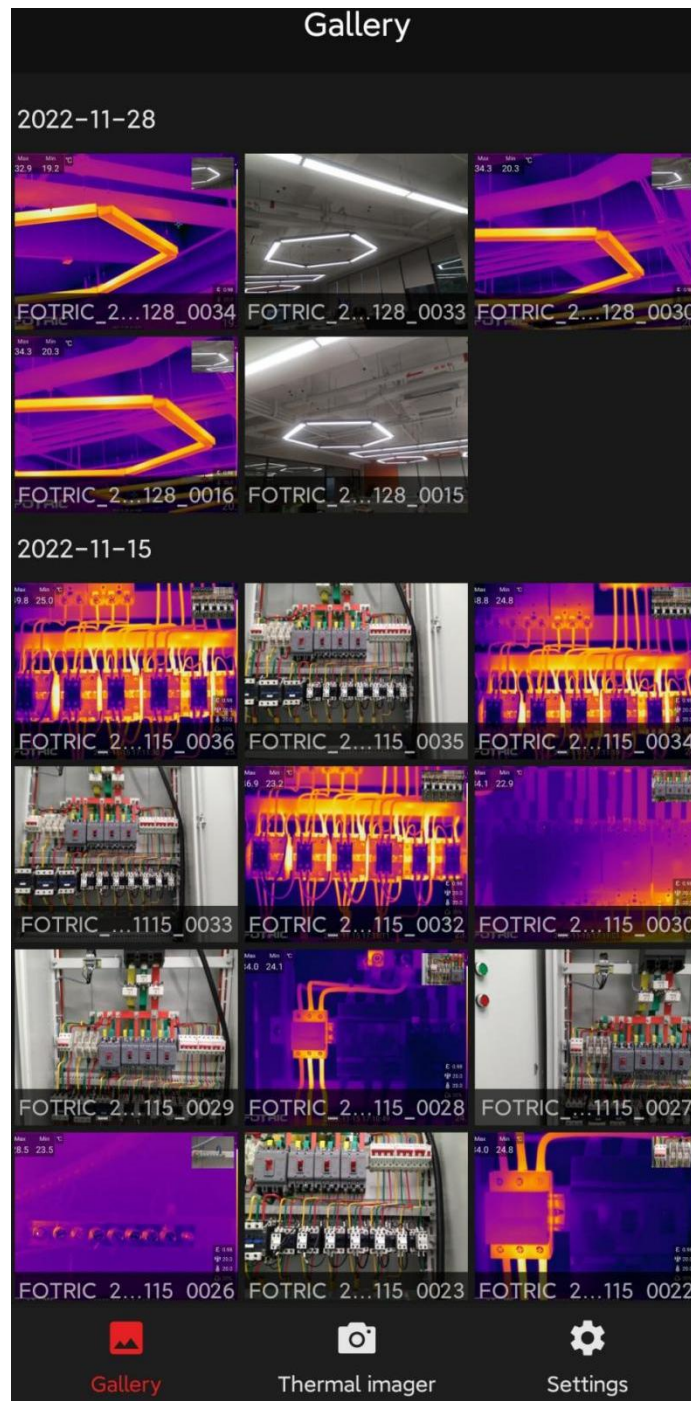
- Once the device has authorized the connection, user may also cancel the authorization under “Web Service->Web Authorization”



App Operation:

Gallery

Preview



Single Selection, Group selection, All, and Cancel

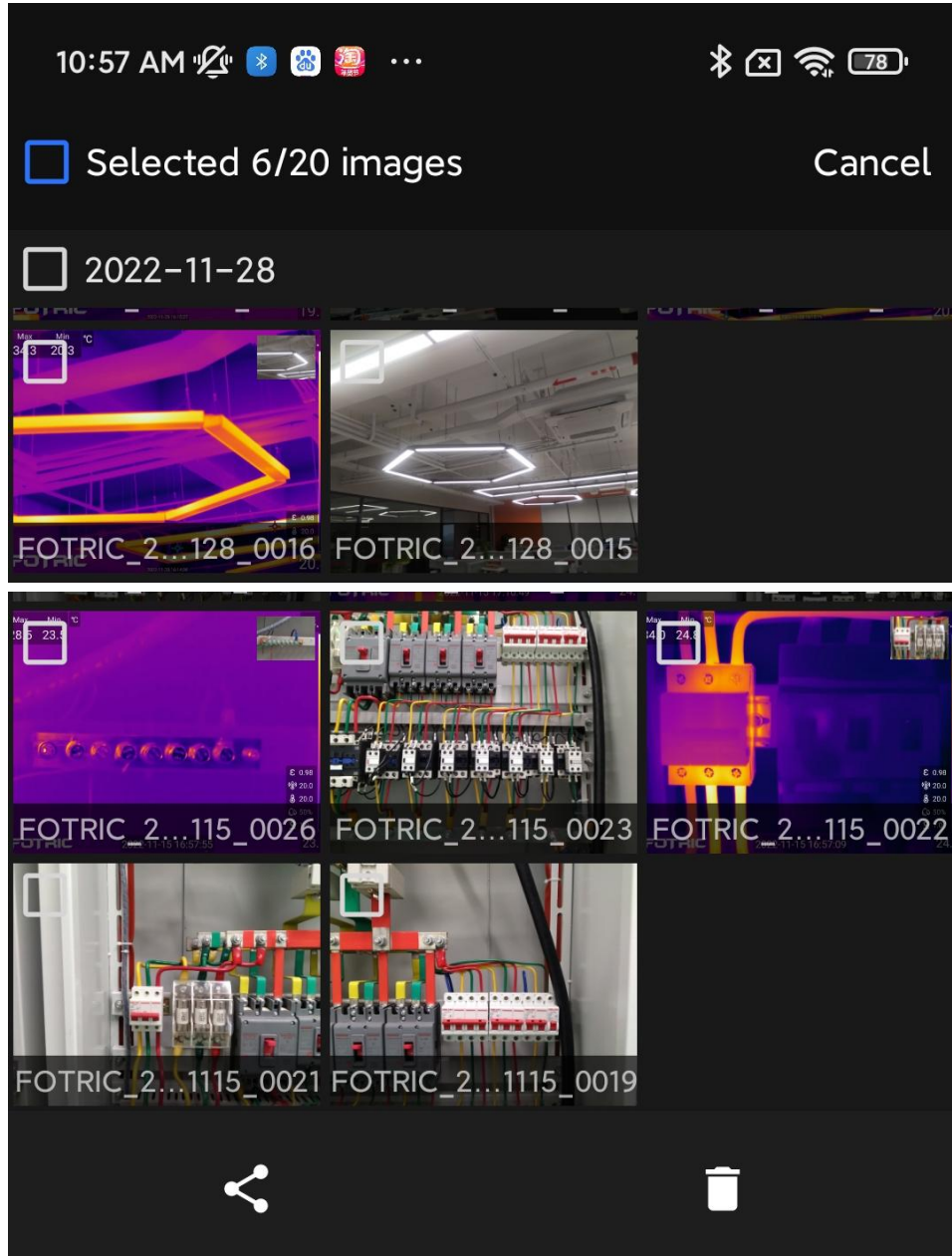
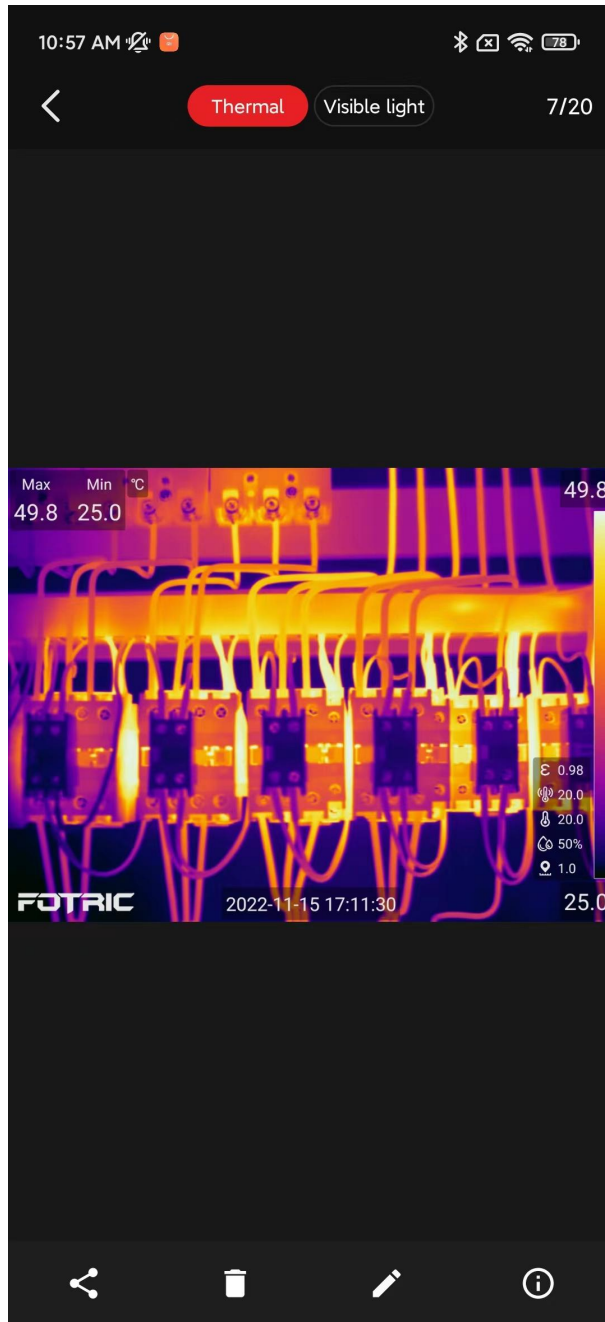
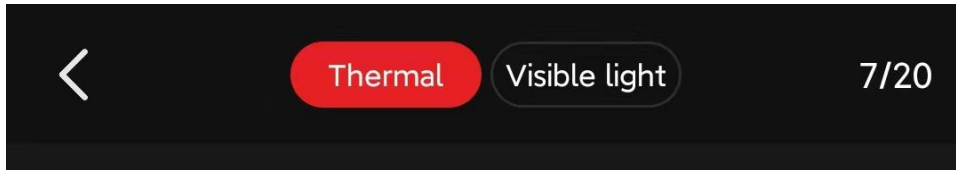


Image View:

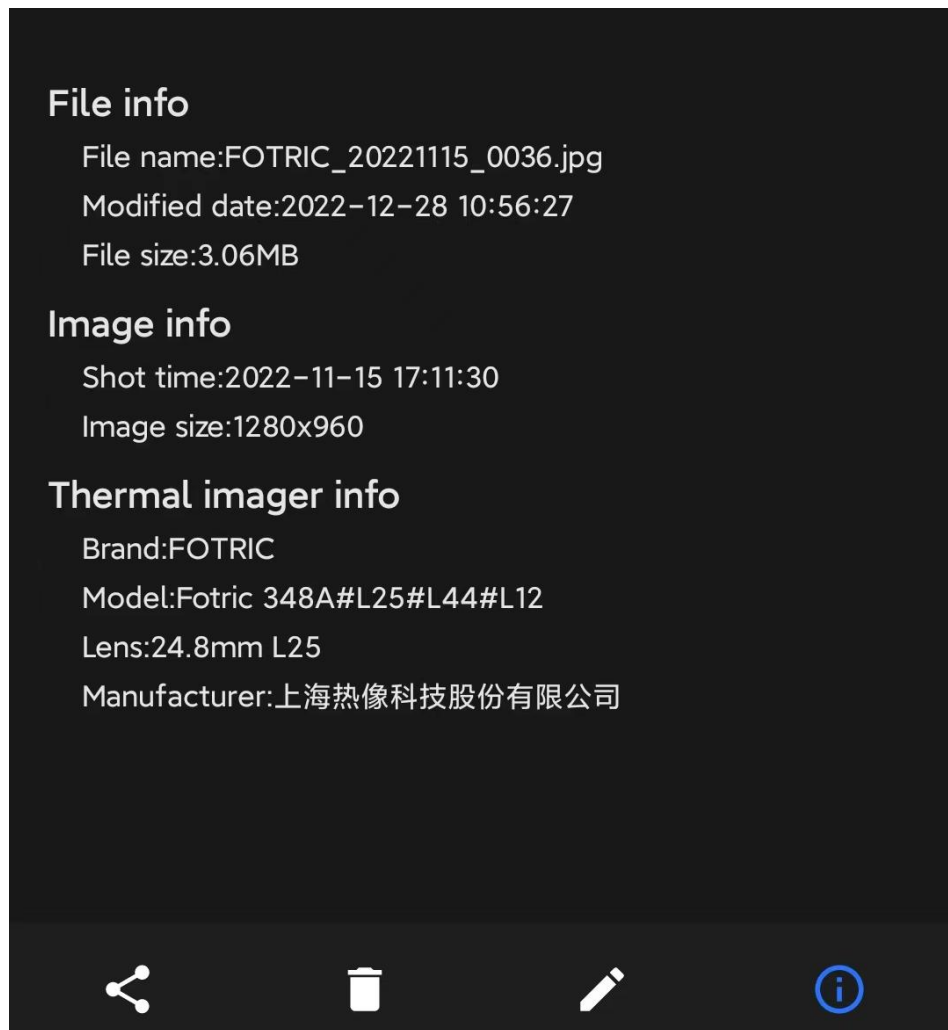
On this interface, users can view the thermal image, digital image, swipe in between images, share, delete, analyze and read file info.



It also supports toggling between thermal imaging and digital image, previous page and the number of image;

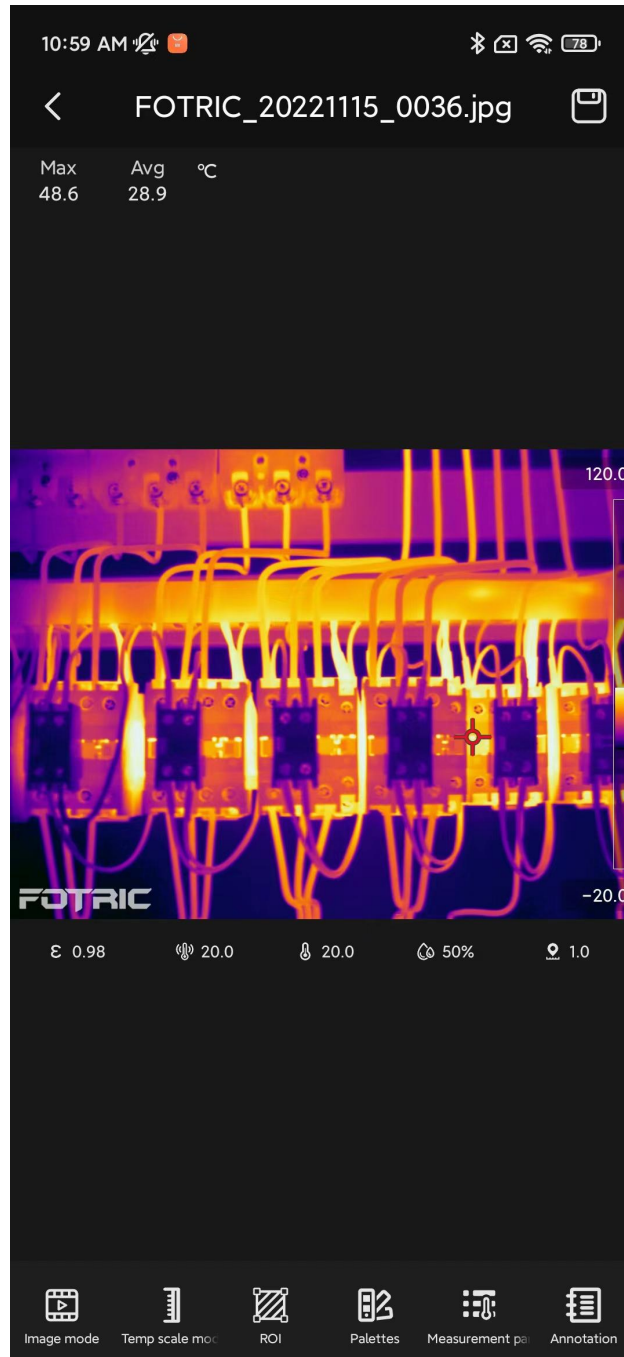


User can share, delete, edit, and read file info;



Analyze

Users can also access Max/Avg temperature display, Image mode, Temperature scale, ROI, Palette, Measurement parameter and Annotation.



File Name, Max/Avg Temp, Previous page, and save button

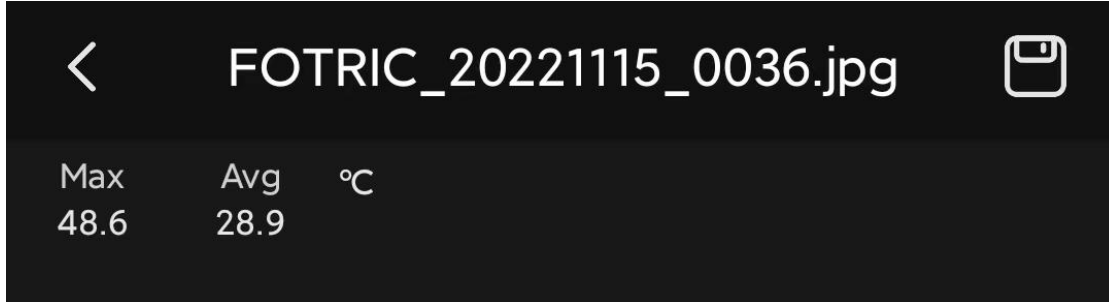
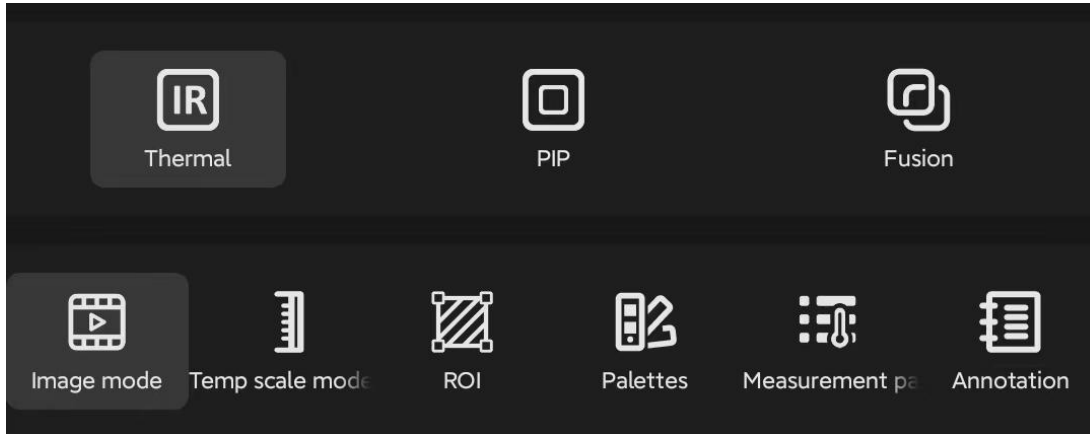
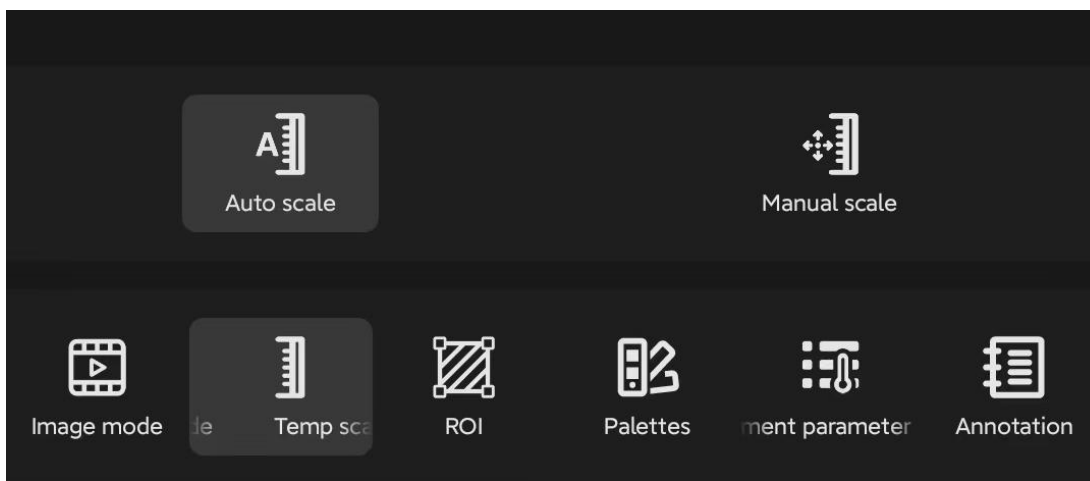


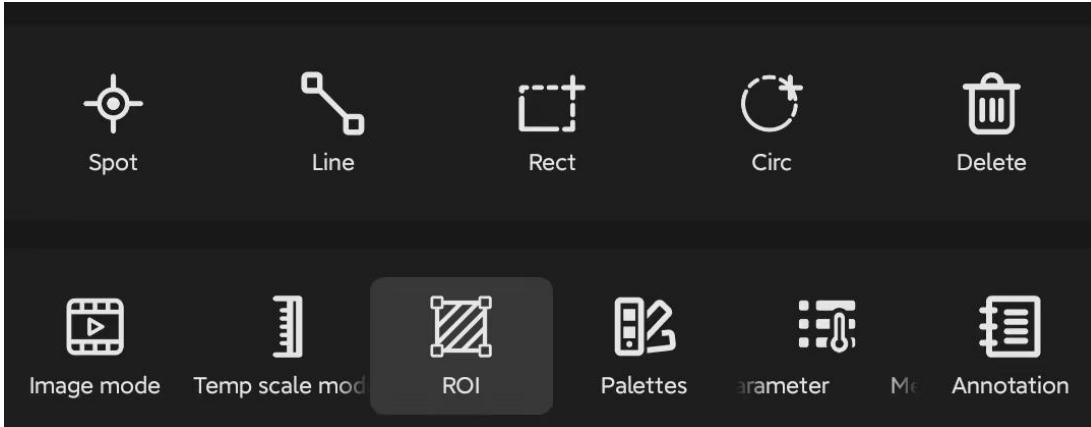
Image Mode: Support switching among thermal, PIP and Fusion



Temperature Scale mode: Support switching between Automatic and Manual Scale



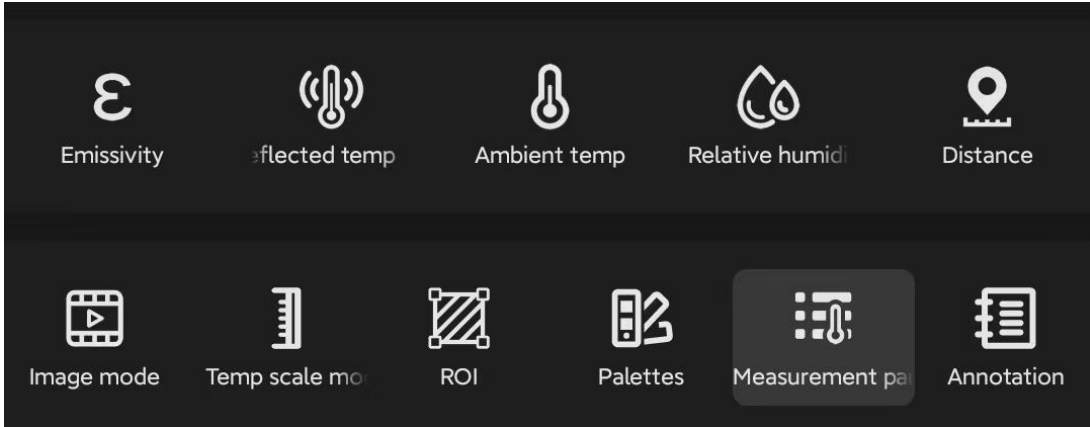
ROI: Supports adding Spot, Line, Rectangle, Circle and Deletion



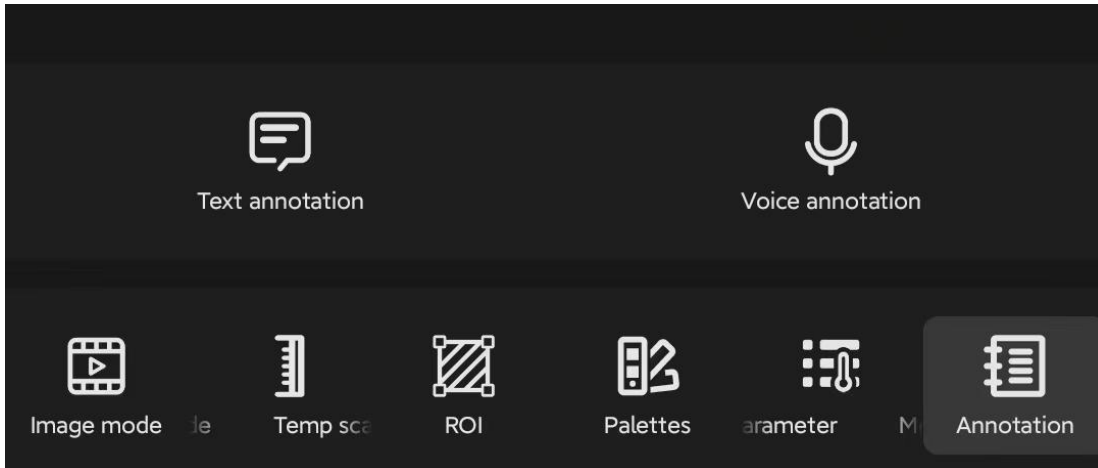
Palette: Supports switching among 16 different color palettes and inverted palettes.



Measurement parameter: Support setting Emissivity, Reflected temperature, Ambient temperature, Relative humidity, Distance.



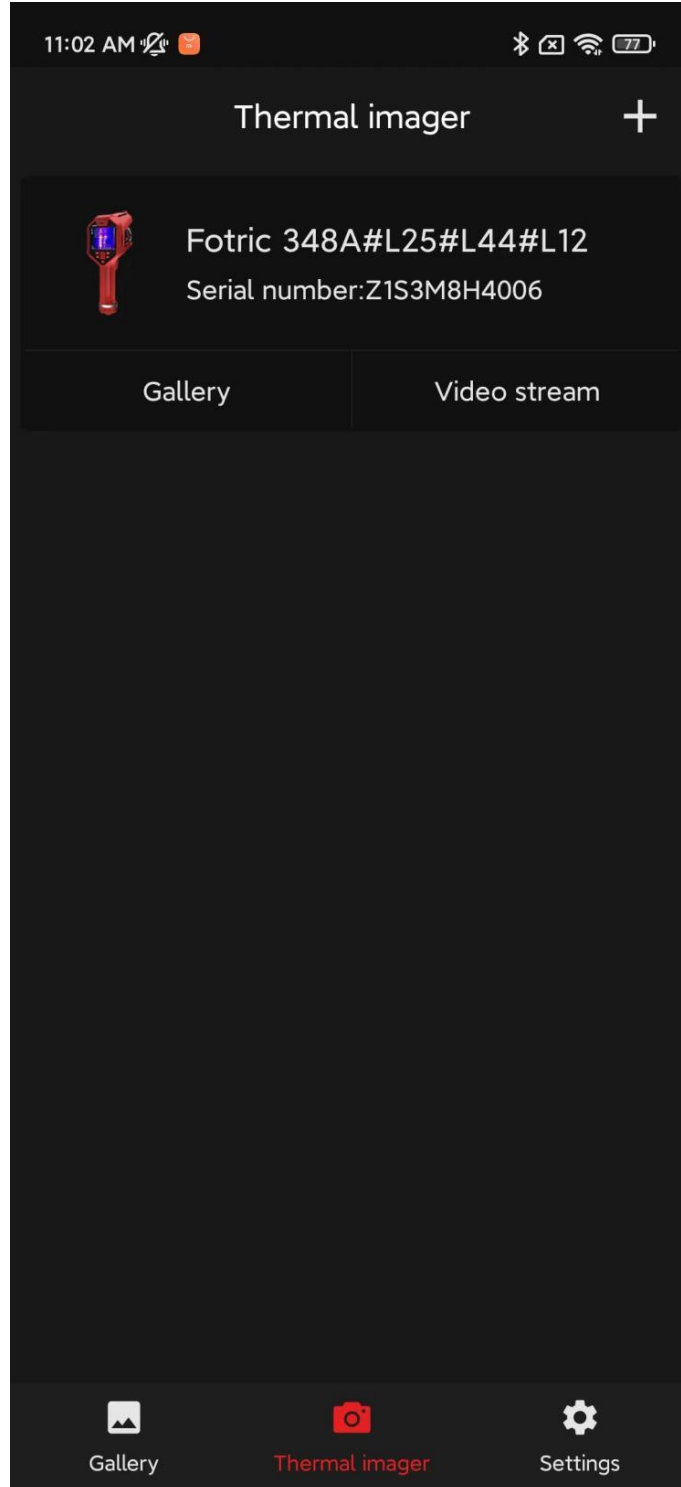
Annotation: Support Text annotation and Voice annotation.



Thermal Imager

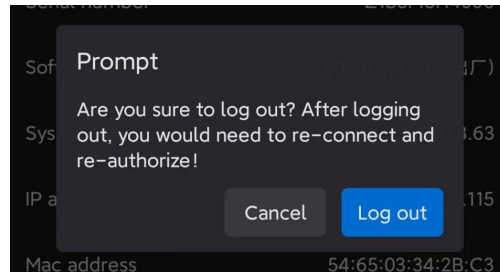
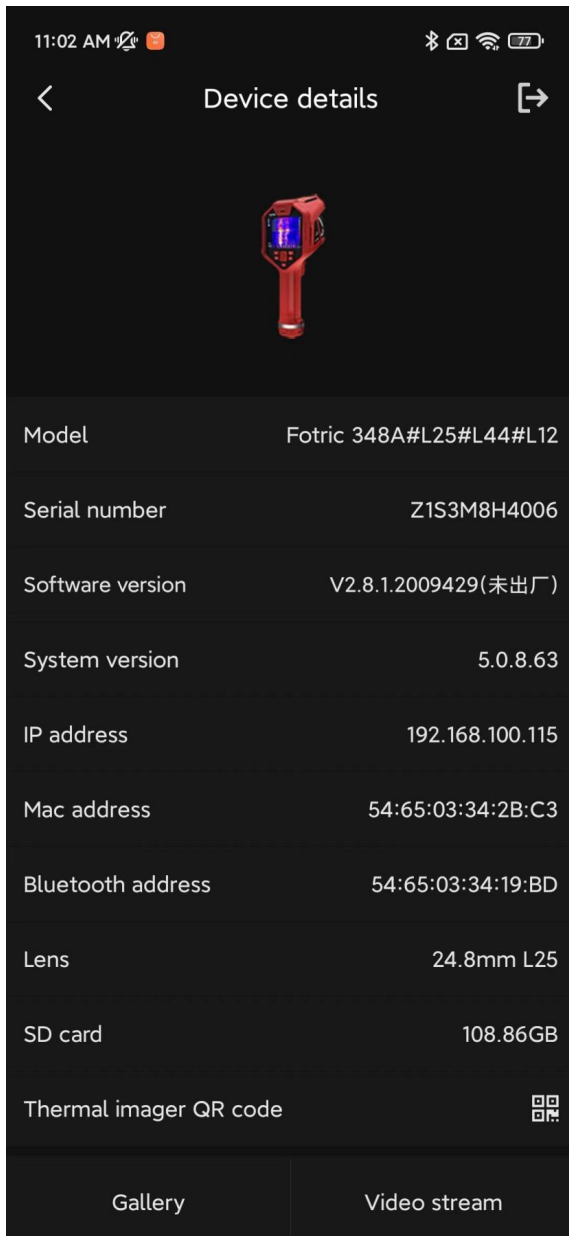
Thermal imager Interface:

Page title, Connection '+', List for connected thermal imagers, Thermal imager icon, Model, Serial number, Gallery and Video streaming.



Thermal Imager Info

At this interface, users may see the thermal imager's icon, model, serial number, software version, system version, IP address, Mac address, Bluetooth, Lens, SD card capacity, and get access to the Gallery, Live stream and Log out.

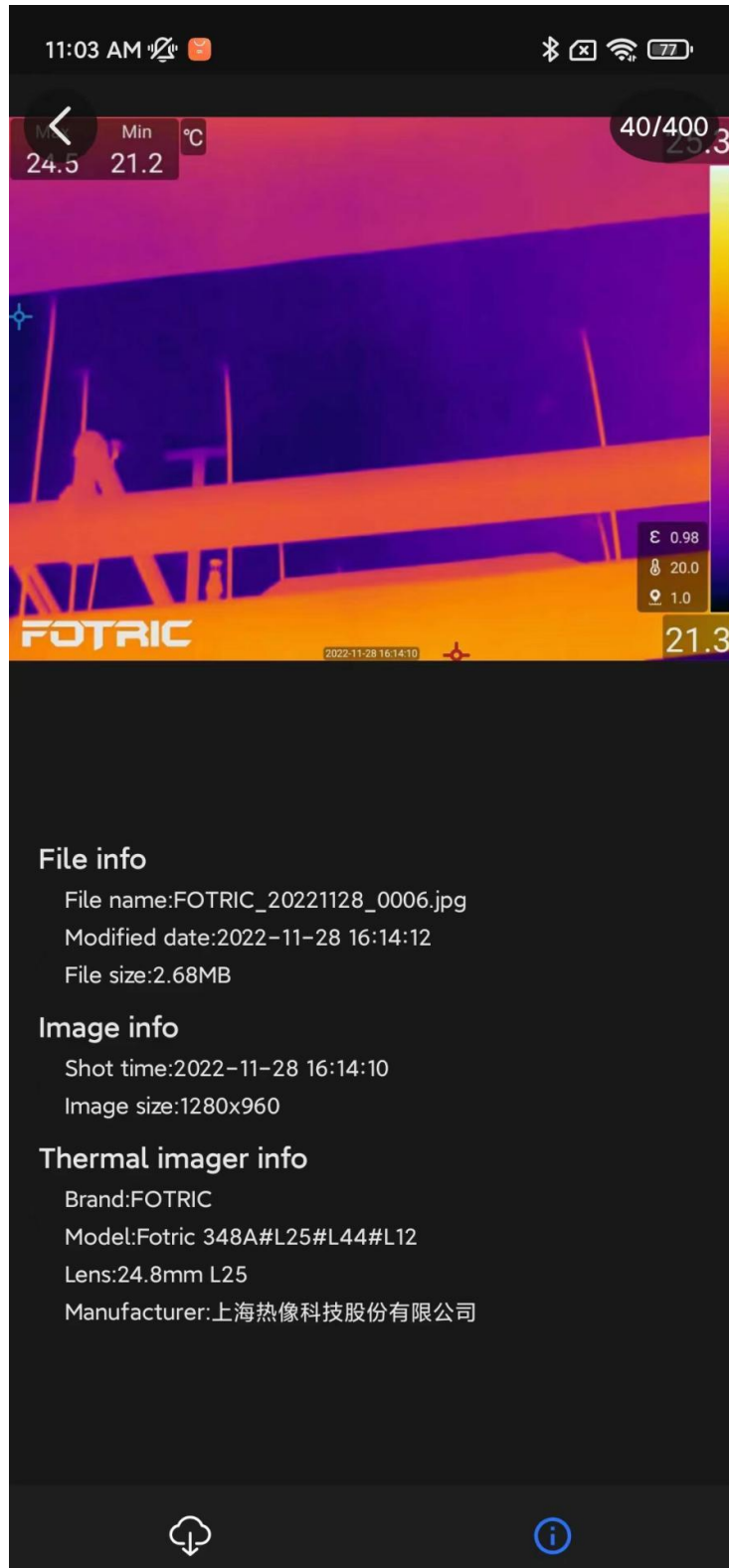


Gallery

Long-press enables multiple selection, which allows downloading files to the mobile device.



Image Preview



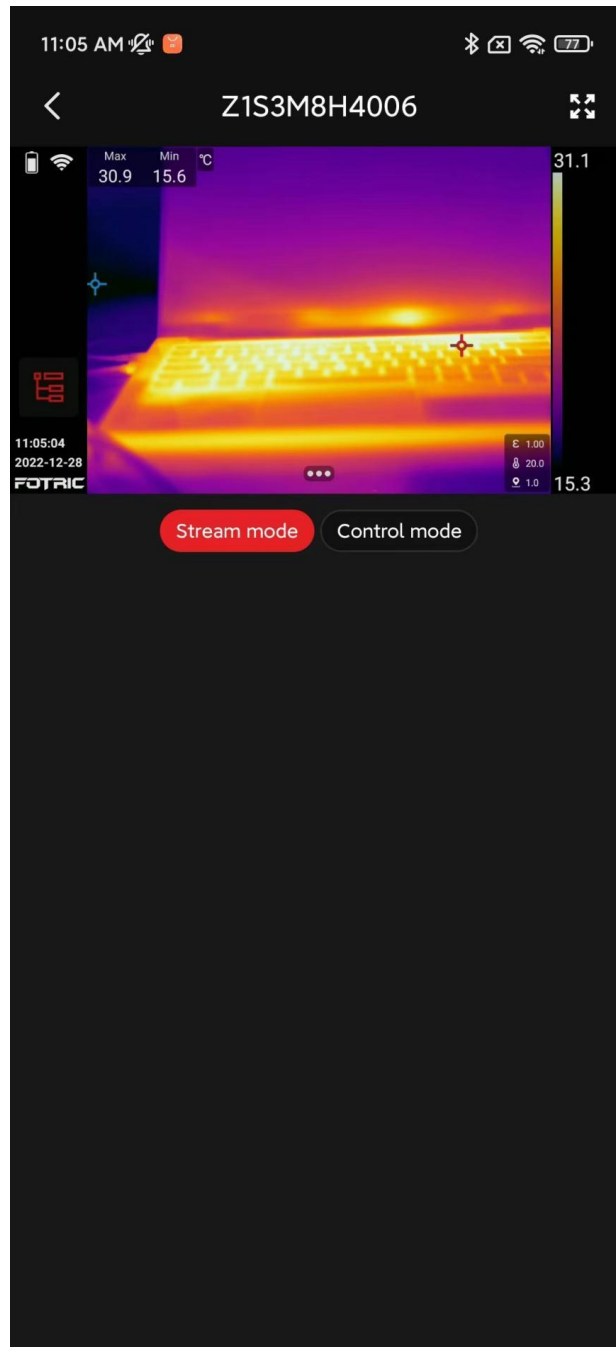


CONNECTING THE DIGITAL FUTURE

Video Steam

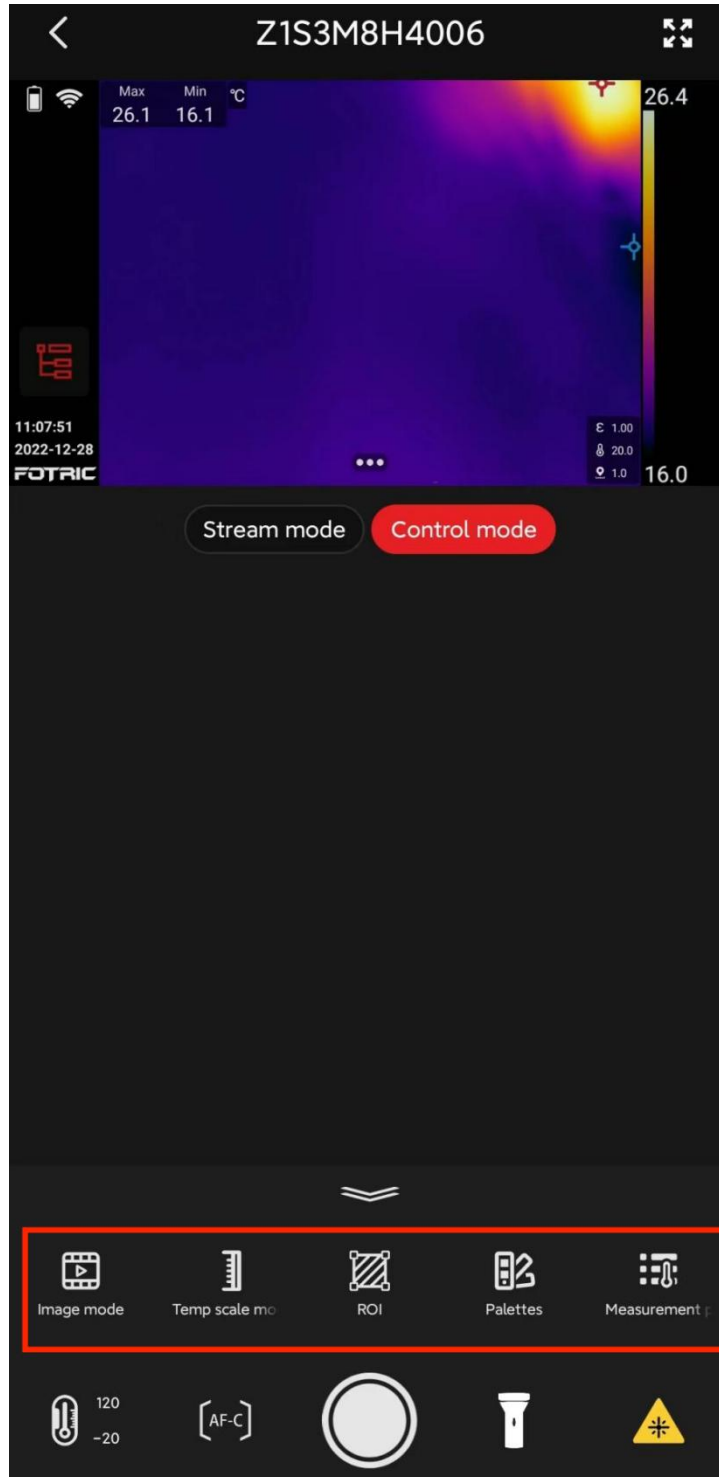
Stream Mode:

Support Screen projection, Control mode and Full screen mode

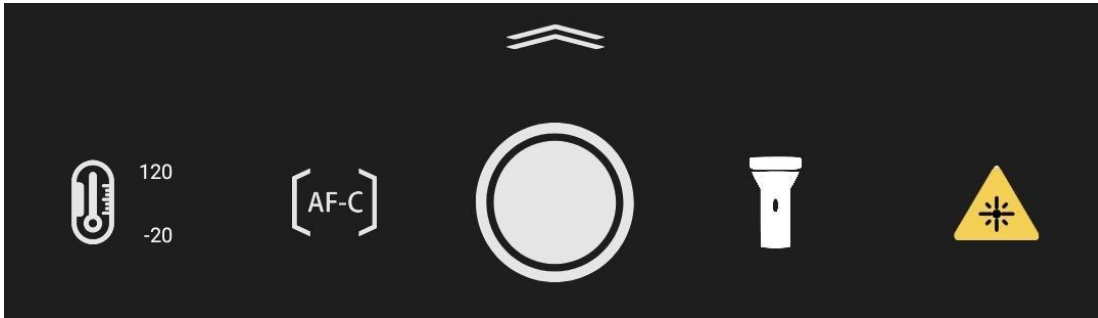


Control Mode

In the control mode, users can switch Image mode, Temperature span, ROI, Palettes, Measurement parameters



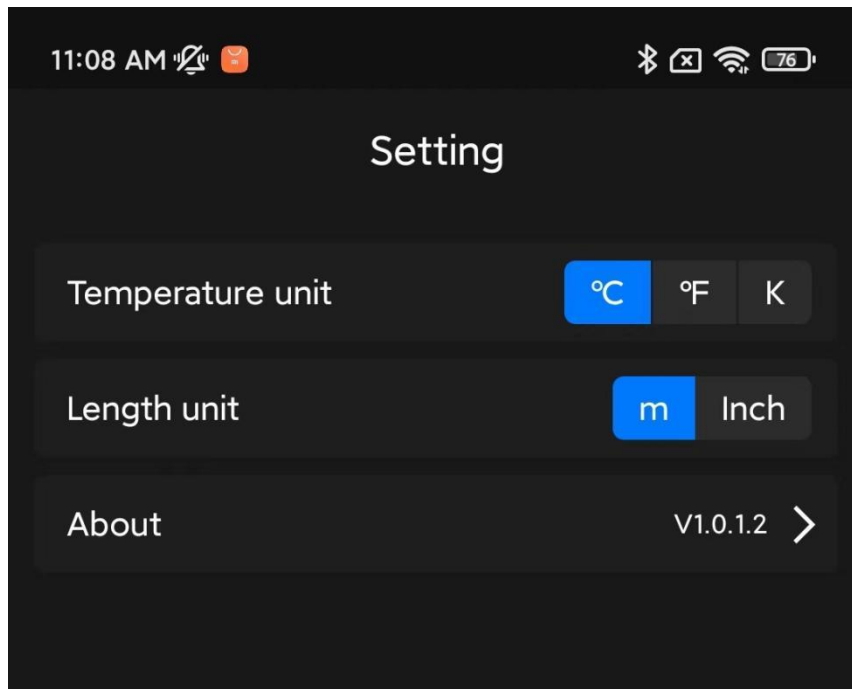
Users can also adjust Temperature range, Auto-focus, Take images, Turn on/off LED flash and Laser.



Settings

Settings:

Users can access adjusting Temperature units, Length units and the current app version



About

This interface supports checking possible software update

