

TCS60001 smart phone operation thermal imager

Is a state-of-the-art thermal imager with WIFI function to be operated by smart phone easily. Can be fixed on smart phone, handle, triple and all kinds of SPORT DV accessories flexibly for diverse applications.



Features

- Take accurate temperatures by Thermal Array 32 * 32 FoV [33°].
- Easy operation by friendly APP via WIFI — save, share and send immediately.
- With gun handle and mount holder — compatible with Sport DV & camera accessories.
- Long battery life, main unit 3.5 hours, with handle 8.0 hours.

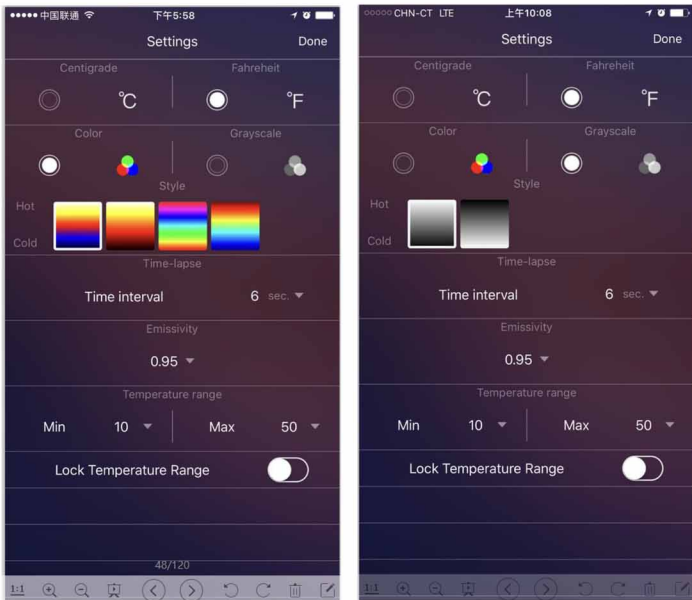


Specifications

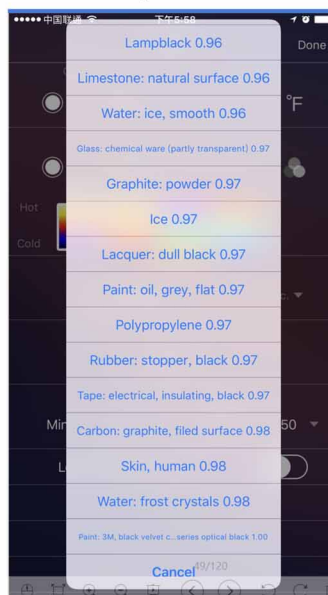
Measurements	
Infrared Measurement Range	-20~800°C (-4~1472°F)
Infrared Accuracy (Tamb=20~26°C)	±2% of reading, or 2°C(4°F) whichever is greater
Thermal Sensitivity	0.1°C (0.1°F)
Emissivity	0.95 default adjustable 0.1 to 1.0 step .01
Spectral Range	8~14um
Hardware	
Thermal Image Resolution	32 x 32 pixels
Image Resolution	640 x 640 pixels
Field of View	33*33 degree
Frame Rate	8Hz
Dimension/Weight	64*42*28 mm/55g
Operation temperature	0 to 65°C; < 90RH%
Storage Temperature	-40 to 85 °C ; < 70RH%
Focus	Focus free
Encapsulation	IP54
Battery Type	890mAH 3.7V Li-ion rechargeable battery (for > 4 hours)
Certificate	CE, RoHS, FCC
Mount (Accessory)	1/4" -20 standard tripod mount (67.5*50*37mm, 16g) Compatible with sport DV accessories
Software	
Smart Phone	Android 4.1 and above
Software and features update	Via Google Play
APP Function	Take Photo, Record Video, Time Lapse, Lock Temp. Range, Emissivity adjust
Image Presentation	
Palette	Ironbow, Hot metal, Rainbow, Jet (Ice), Grey (White-hot, Black-hot)
Temperature	MAX, MIN, AVG., DIFF of Box and Full Screen
Longest distance	3 meters
Minimum Focus Distance	15cm

Software Pictures

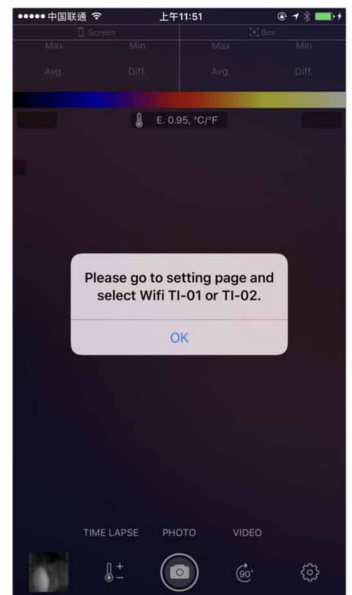
• Palettes:



• Emissivity table



• Front page



Pouch package

Pouch package: one set includes:

- TCS60001 main unit,
- Accessories: Mount core *1
Smart phone Holder*1
Foldable triple*1
Two-fork *1 (to fix with other Sport DV accessories)
- 1 meter Type C to USB cable
- Rechargeable 890mAH* 1



Fix methods

1. Click on smart phone or on Tripod



2. Hold TI-01 and smart phone by one hand



3. Fix on Sport DV accessories



FCC Certificate and Labeling

