



## DY-980Y Thermal Imager

DY-980Y Infrared Thermal imager is especially designed for the new corona virus epidemic in. It can be hand-held or fixed with folding brackets or tripods to meet the targeted detection and special occasions.



DISPLAY NEED TO BE PREPARED BY YOURSELF

The newly designed thermal imager anti-epidemic series products have a measurement accuracy of  $\pm 0.4$  °C in the human body temperature range of 35 ~ 42 °C. It will alarm with audio and color indication, when the surface of the detected person is more than 37.3°C.

Deploying this product in public places can automatically achieve long-range, large-area, large passenger flow temperature measurement, which can effectively curb the spread of epidemic situation in public places.

### PRODUCT FEATURES:

Fast detection: Within 20 ms.

High and low temperature automatic alarm

Alarm setting: 37.3°C

Indication: Alarm & Color

Large external display can be connected for more efficient on-site monitoring

Accuracy:  $\pm 0.4$  °C

Long-distance, fast, large area, large passenger flow temperature measurement

Surface temperature screening mode

Non-contact temperature measurement and physical isolation can ensure the safety of quarantine personnel

Specially designed for epidemic prevention



**TECHNICAL PARAMETERS:**

<u>Thermal camera technical parameters</u>	
Imported focal plane sensor resolution	80x80
Infrared lens Focal	length: 9mm Field of View: 17x17 ° Aperture: F1.0 Material: Germanium
Wavelength	Uncooled focal plane array (UFPA) 8-14µm
Spatial resolution 3.78mrad	
Minimum focusing distance	0.2m
IFOV	3.78mrad
Thermal sensitivity	< 0.08 °C / 80mK
Image frame rate	50Hz
Focus method	Manual
Zoom	1-32 times
<u>Image parameter</u>	
Image display mode	Infrared image, visible light image, picture-in-picture function, AUF (Automatic fusion)
Picture-in-picture	fusion of visible and infrared images
Palette	iron red, rainbow, gray-white, gray-white
<u>Temperature measurement</u>	
Measurement range	32~42 °C
Accuracy	± 0.4 °C
Measurement analysis	
Point analysis	Center point, automatically marks the highest and lowest temperature in the area
<u>Setting</u>	
Language	English, French, German, Spanish, Chinese
<u>Image/Video storage</u>	
Device/SD card	100M / 8G
Video storage format	MP4, 1280x960 @ 30fps, > 60m with SD card
Image storage format	JPG, > 1000 picture with SD card
<u>Digital camera</u>	
Built-in visible light camera	5MP
<u>Communication</u>	
Ports & Video output	USB port, audio output, HD video output port
USB port	Transfer data between device and computer
Power	
Battery/ Input voltage	Rechargeable Lithium battery, 4 hours 110V- 240V
<u>Product information</u>	
Dimension	245*90*105mm
Weight	820g
Pack/Accessories	Adaptor, Software, anti-fall lanyard, SD card, connection cable, tool bag
Warranty	One year