

874Y/979Y is a surface temperature rapid screening infrared thermal imager, temperature measurement accuracy $\pm 0.5^{\circ}\text{C}$, temperature measurement range $32^{\circ}\text{C}\sim 42^{\circ}\text{C}$, can be handheld or installed tripod. Deploying this product in public places can automatically achieve temperature measurement for long distances, large areas, and large passenger flows.



Model 979Y



EMC
EN: 61326-1
EN: 61010-1



Model 874Y



Non-contact temperature measurement



Intelligent Face capture



37.3°C high temperature automatic alarm prompt

Specifications		979Y	874Y
Imaging and Optical Data			
Field of View	21x 21°	50x38°	50x38°
Spatial Resolution	4.53mrad	5.4mrad	1.79mrad
NETD	<0.1°C@30°C(80°F)/100mK	*	*
Image Frequency	25Hz	*	*
Focus Mode	Focus free	*	*
Focal Plane Array(FPA) Spectral Range	Uncooled microbolometer/8-14um	*	*
IR Resolution		160x120	120x90
Image Presentation			
Display	2.8" TFT LCD, 240x320 pixels	2.8"	2.4"
Color Palettes	IRON, RainBow, Grey, GreyInverted, Brown, Blue-red, hot-cold, Feather	*	*
Measurement			
Object Temperature Range	Screening mode:32°C to 42°C(-89.6°F to +107.6°F) -20°C to 400°C (-4°F to 752°F)	*	*
Accuracy	Screening mode: $\pm 0.5^{\circ}\text{C}$ ($\pm 0.9^{\circ}\text{F}$) in 32°C to 42°C $\pm 2^{\circ}\text{C}$ ($\pm 3.6^{\circ}\text{F}$) or $\pm 2\%$ of reading	*	*
Screening temperature range	32°C~42°C	*	*
High temperature alarm setting	Default 37.3°C	*	*
Full-field high-temperature tracking	Red crosshair mark	*	*
Face tracking	Intelligent face tracking, detect 10 faces at the same time	*	*
Measurement Analysis			
Spotmeter	Center Spot	*	*
Automatic Hot/Cold Detection	Auto hot or cold markers	*	*
Emissivity Correction	8 pre-define level and Variable from 0.01 to 1.0		*
Storage of Images	8G SD card	*	*
Image Storage format	Bitmap(BMP),including measurement data.	*	*
Data Communication Interfaces	USB-C interface	*	*
Power System			
Battery	Li-ion battery, 4 hours operating time	*	*
Input Voltage	DC 5V	*	*
Charging System	In camera(AC adapter)	*	*
Power Management	Automatic shutdown	*	*
Environmental Data			
Operating Temperature Range	-20°C to 50°C (-4°F to 122°F)	*	*
Storage Temperature Range	-40°C to 70°C (-40°F to 158°F)	*	*
Humidity(operating and storage)	10% to 90%	*	*
Drop test	2m	*	*
Digitl camer	2M pixel	*	*

Size(HxWxD): 224 x 72 x 90mm (979Y), 175 x 58 x 70mm (874Y)

Weight: 480g (979Y), 450g (874Y)

Accessories: Earphone (Optional), Battery, software CD-ROM, Wrist strap, micro SD card, Adaptor, USB cable, Gift box.