

DT-979A/979B/979C/979D/979E/979F

Industrial Thermal Imagers



240x320 2.8" LCD display



Auto Fusion mode (AUF)



400°C temperature range



2M visible light digital camera



IP54



EMC
EN: 61326-1
EN: 61010-1



Model 979A

Specifications		979A	979B	979C	979D	979E	979F
Imaging and Optical Data							
Field of View	21x 21°	50x38°	50x38°	50x38°	32x24°	50x38°	21x 21°
Spatial Resolution	4.53mrad	5.4mrad	5.4mrad	5.4mrad	*	1.79mrad	4.53mrad
NETD	<0.1°C@30°C(80°F)/100mK	*	*	*	*	*	*
Image Frequency	50Hz	9Hz	25Hz	9Hz	25Hz	25Hz	50Hz
Focus Mode	Focus free	*	*	*	*	*	*
Focal Plane Array(FPA) Spectral Range	Uncooled microbolometer/8-14um	*	*	*	*	*	*
IR Resolution		320x240	256x192	220x160	160x120	120x90	80x80
Image Presentation							
Display	2.8" TFT LCD, 240x320 pixels	*	*	*	*	*	*
Color Palettes	IRON, RainBow, Grey, GreyInverted, Brown, Blue-red, hot-cold, Feather	*	*	*	*	*	*
Measurement							
Object Temperature Range	-20°C to 400°C (-4°F to 752°F)	*	*	*	*	*	*
Accuracy	+/- 2°C(+/- 3.6°F) or +/-2% of reading	*	*	*	*	*	*
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		*	*	*	*	*	*
Image Storage format	Bitmap(BMP),including measurement data.	*	*	*	*	*	*
Data Communication Interfaces							
WiFi		*	*	*	*	*	*
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): 224mm x 72mm x 90mm Weight: 480g

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