5 D9875/9876/9888 Series Thermal Imager

Specifications

Field of View (FOV)

2g(IEC60068-2-6)

Thermal Imager



'*CF*

	9875	9876	9888
$29.8^{\circ} \times 22.6^{\circ}$	*	*	24.6°x18.6°
0.2m (0.66ft.)	*	*	0.5m(1.65 ft.)
(IFOV) 3.33 mrad	*	*	1.14 mrad
< 0.08°C @ +30°C (+86°F) / 80 mK	*	*	NETD=60mK
50Hz	*	*	*
Manual	*	*	*
1-20x continuous, digital zoom	*	*	*
0-360°, continuous change by 1°	*	*	*
Focal plane array (FPA), uncooled microbolometer	*	*	*
8–14µm	*	*	*
160x120pixels	*	*	
384x288pixels			*
3.5" TFT, capacitive touch screen	*	*	*
IR image, visual image, picture in picture	*	*	*
IR area on visual image or visual image area on IR	*	*	*
GRAY/GRAYINV IRON/IRONINV/RAINBOW/FEATHER	*	*	*
Low range: -20°C to +150°C (-4°F to +302°F)	*	*	*
High range: 0°C to +400°C (+32°F to +752°F)			
±2°C (±3.6°F) or ±2% of reading	*	*	*
			_
3	*	*	*
0.01~1.0 Adjustable	*	*	*
Emissivity table of predefined materials	*	*	*
2 lines(horizontal and vertical)	*	*	*
3 boxes with max. /min. /average	*	*	*
Auto hot or cold spotmeter markers	*	*	*
Detect bish // see to see to see the second	*	*	*
Delect nigh/low temperature/interval	*	*	*
Emissivity ambient temperature distance relative humidity offset temperature	*	*	*
Emissivity, amolent temperature, distance, relative numbury, offset temperature			
< class2 / white LED_floadlight	*	*	*
 Class2 / white LED hoodinght Local adaptation of units, language, date and time formats, information of 			
camera	*	*	*
English Chinese French German Spanish	*	*	*
0 - , , - , - , - , - , - , - , - ,			
4Gbytes Micro SD card	*	*	*
Standard MPEG-4, 640x480@30fps, on memory card > 60 minutes	*	*	*
IR/visual images; simultaneous storage of IR and visual images	*	*	*
Standard JPEG, including measurement data, on memory card	*	*	*
> 1000 pictures			
IR/visual images; simultaneous storage of IR and visual images	*	*	*
		3.1	
640x480 Pixels	*	Mega	*
anas		pixeis	
USB-mini data transform between camera and PC	*	*	*
obb-mini, data transform between camera and re		*	*
Wi Fi connectivity allows to send images and data to mobile devices		*	*
Composite(DAL and NTSC)	*	*	*
Composite(PAL and NTSC)			
Lithium nolumor bottom. A hours energing time	*	*	*
DC ov to 12V	*	*	*
	*	*	*
In camera (AC adapter)	*	*	*
Automatic shutdown and sleep mode (user selectable)	+	*	*
2000 () (2000 () 1020E)	*	*	*
$-20 \text{ C to } +50^{\circ}\text{C} (-4^{\circ}\text{F to } +122^{\circ}\text{F})$	τ 4	T 4	т *
$-40 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Ŧ	Ŧ	·r
10%RH~90%RH	*	*	*
IP65	*	*	*
2m	*	*	*
25e(IEC60068-2-29)	*	*	*
20(IEC60069.2.6)	*	*	*

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CF 9875/9876 series Thermal Imager is designed to make your work easier, more productive and effective. 160 × 120 resolution at 50 Hz for real-time capture; a big, bright touch screen with toolbar helps you to fine-tune and analyze images quickly. Temperature range from -20°C to 400°C (-4°F to 752°F), 20X continuous zoom, picture-in-picture, voice comment recording and text annotation on images. Hot/Cold spot marker automatically finds the hottest and coldest spots. It includes memory card, lithium polymer battery & power supply, and USB cable. Wi-Fi connectivity allows the CF 9876 Infrared Thermal Camera to send images and data to mobile devices.

Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and Reheating
- Serving areas
- Food service Equipment
- Cold storage

High Resolution IR Images 19,200 pixels (160x120) Infrared resolution (CF 9875/9876) 110,592 pixels (384x288) Infrared resolution (CF 9888)

CF

Visible Light Digital Camera 640x480 resolution with flash provides sharp images regardless of lighting conditions

Picture in Picture Displays thermal image super-imposed over a digital image

LED Flashlight Allows the visual camera and fusion to be used in poorly lit environments

Wide Temperature Range From -20° to +400°C targeting electrical and industrial applications

±2% Accuracy reliable temperature measurement

Thumbnail view Easy to view and analyze images quickly

The image rotation The ability to automatically rotate the active image



Audio recorded with the video image A speaker to listen to audio recorded with the video image

Capacitive touch screen More easy, productive and effective to operate it

Lithium polymer Rechargable Battery Lasts >4hrs continuous use; replaceable

Copy to USB Easy uploads images from camera to USB memory card Area (Min/Max) Mode Shows the Minumum or the Maximum Temperature reading in the selected area

Wi-Fi connectivity(Model CF 9876) Sends images and data to mobile devices to share reports and critical information quickly

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Weight: 920g Accessories:

22mm Lens RL-22

Size(HxWxD): 243mm x 103mm x 160mm

Hard transport case, 7.5mm lens, Sun Visor, Tripod base, "AC charger/Power supply, Earphone, Battery, Camera lens cap, software CD-ROM, Handstrap, micro SD card, USB cable & RCA cable, Gift box.

33mm Lens

RL-33

Optional Accessories: 33mm Lens/22mm Lens 11mm Lens