



DT-987/988/9886

988 Series new generation High Performance Thermal Imagers are compact design with powerful Auto Fusion mode(AUF), AUF is a dynamic image enhancement-algorithm for infrared cameras. 988 Series are easy to help you to find the potential problems with innovation features and powerful Apps.



FEATURE

- 3.5” 640x480 big brilliant touch screen, a clear view from any angle.
- Capture additional measurements fast and conveniently with wireless modules
- Find problems faster and easier with accurately identify potential issues by combining digital and IR images
- Image fusion function displays thermal image super-imposed over a digital image
- An easy-to-access thumbnail image gallery helps you to quickly review and find your thermal images.
- Powerful Auto Fusion mode(AUF)
- Equipped with standard video, USB outputs as well as a removable SD card.

Accessories:

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

Specifications				
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Imaging and optical data				
IR resolution	Focal plane array (FPA), uncooled microbolometer	160x120	160x120	256x192
Field of View (FOV)	29.8° × 22.6°	21°x15.6°	20.7°x15.6°	40.2°x30.1°
Spatial resolution	(IFOV)	2.26mrad	1.88mrad	2.74mrad
Thermal sensitivity/NETD	< 0.05°C @ +30°C (+86°F) / 50 mK	*	*	*
Image frequency	50Hz	25Hz	*	*
Focus	Manual	*	*	*
Image presentation				
Display	3.5" 640x480 touch screen	*	*	*
Image modes	IR image, visual image, picture in picture, AUF	*	*	*
Color palettes	IRON, Rainbow, Grey, Grey Inverted, Brown, Blue-red, hot-cold, Feather	*	*	*
Measurement				
Object temperature range	Low range: -20°C to +150°C (-4°F to +302°F) High range: 0°C to +650°C (+32°F to +1202°F)		*	*
	0°C to +450°C (+32°F to +842°F)	*		
Accuracy	±2°C (±3.6°F) or ±2% of reading	*	*	*
Set-up				
Set-up commands	Local adaptation of units, language, date and time formats, information of camera	*	*	*
Language selection	English, Chinese, French, German, Spanish	*	*	*
Storage of videos/images				
Storage media	4Gbytes eMMC	*	*	*
Video storage format	Standard MPEG-4, 640x480@30fps, on memory card > 60 minutes	*	*	*
Digital camera				

Built-in visible light digital camera	2M Pixels	*	*	*
Data communication interfaces				
USB interfaces	USB-micro, data transform between camera and PC Remote control, live video	*	*	*
Wi-Fi connectivity	Wi-Fi connectivity allows to send images and data to mobile devices remote control, live video	*	*	*
Power system				
Battery	Lithium polymer battery, 4 hours operating time	*	*	*
Input voltage	DC 5V	*	*	*
Charging system	In camera (AC adapter)	*	*	*