



EMC
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640x480 big brilliant touch screen
Compact design IR resolution 640x480
Wi-Fi connectivity



Key features

- 640x480 High Performance Thermal Imager with high resolution TFT color LCD display
- 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.

9888 new generation advanced Thermal Imager is compact design with powerful Auto Fusion mode(AUF), AUF is a dynamic image enhancement algorithm for infrared cameras. 9888 is easy to help you to find the potential problems with innovation features and powerful Apps.

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|--|---|--|
|  640x480 3.5" capacitive touch screen |  Auto Fusion mode (AUF) |  Wi-Fi Connectivity |
|  550°C temperature range |  2M visible light digital camera |  IP54 |



| Specifications | | 9888 |
|---------------------------------------|---|--------------------------------|
| Imaging and optical data | | |
| IR resolution | Focal plane array (FPA), uncooled microbolometer | 640x480 |
| Field of View (FOV) | 29.8° × 22.6° | 41.5°x31.1° |
| Spatial resolution | (IFOV) | 1.89mrad |
| 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 550°C (+32°F to +1102°F) | High range: 0°C to 550°C |
| 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, Japanese, Korean, Portuguese, Italian | * |
| Storage of videos/images | | |
| Storage media | 4Gbytes eMMC or 8GB SD card | * |
| 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) | * |

Size(HxWxD): 233mm x 94mm x 103mm Weight: 520g

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