

**TECHNOLOGY  
PRODUCTS**



# **INFRARED THERMAL CAMERA DX600**





- 5.0" Colour TFT Touch Screen
- 5MP Visual Camera
- IR Resolution 640x480
- Manual/Automatic Focus
- Continuous Zoom 1x to 10x



## Infrared Thermal Camera DX600

The DX-600 is a performance level camera as it has 640x480 IR resolution. The temperature range for the model is -20°C~+650°C, with an optional range of up to +2000°C available upon request. They have 10 colour palettes and a range of analysis tools such as 10 movable spots, 10 area boxes and 5 lines, Average temp, Max temp, Min temp. To capture all the video and images the models has a 32GB removable SD Card.

### Key Features

- **5"TFT touch screen**
- **5MP visual camera**
- **Better performance with  $\pm 2^{\circ}\text{C}$  accuracy**
- **IR image/Visual image/PIP/Fusion/IMIX**
- **Professional analysis software**
- **Optional lens : 48°/12°/6°**
- **Android App**



## Specifications

- **Model:** DX-600
- **Detector type:** FPA, Uncooled Microbolometer with Amorphous silicon or VOX material
- **IR Resolution:** 640x480
- **Thermal Sensitivity/NETD:** <0.040°C@30°C
- **Spectral Range:** 7.5~14μm
- **Field of View:** 24°x18°
- **Spatial resolution (IFOV):** 0.66mrad
- **Focal Length:** 18mm
- **Focus:** Manual/electric/automatic
- **Minimum Focus distance:** 0.15m
- **Optional lens:** 48°/12°/6°
- **Image frequency (Frame rate):** 30Hz



## Image Display

- **Display:** 5" sunlight visible touch screen
- **Display resolution:** 800x480
- **Colour Palettes:** 10 colour modes
- **Visible camera:** 5MP with LED photo lamp
- **Digital zoom:** 1x-8x continuous

## Measurement & Analysis

- **Object temperature range:** -20°C~+650°C, Up to +2000°C(optional)
- **Temperature measurement accuracy:** ±2°C or ±2% of readings
- **Analysis tools:** 10 movable spots, 10 area boxes and 5 lines, Average temp, Max temp, Min temp
- **Tracking function:** Highest temperature spot auto tracking



## Image storage And Transmission



- **Storage Media :** 32G removable SD card
- **Thermal image format :** Standard JPEG, including measurement data, on memory card
- **Thermal video format :** Real-time radiometric recording(.irv)/.H264
- **Output Ports :** USB, Bluetooth, HDMI
- **Video Record Support :** Wi-Fi Support, support preview SD card pictures through Wi-Fi
- **Laser distance :** Position is automatically displayed on the infrared image
- **Laser pointer :** Yes
- **Laser ranging :** Yes, 40 meters
- **GPS Support :** Location data automatically added to every still image and the first frame in video
- **Features Mode :** Auto shutdown & Sleep mode
- **Alarm mode :** Automatic acousto-optic alarm for set temperature value/above/below

## Power System

- **Battery type :** Detachable rechargeable lithium battery
- **Battery Operating Time :** >3 Hours
- **Charging System :** AC adapter universal 220 Vac, 50 Hz
- **Charging mode :** Two-socket charger or 12V car charge



## Environmental

- **Protection level:** IP54 (IEC 60529)
- **Shock/Vibration:** 25G/2G
- **Operation temperature:** -20°C~55°C

## Physical Characteristics

- **Weight:** 1.25kg(battery included)
- **Size:** 272x135x136mm

## Others

- **Accessories:** Hardcase, Handstrap, Bluetooth Mic, Cables, Adaptor, Manual Book, Software SATIR Report Pro



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# Get in Touch



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