DX-600

DX-600 Handheld Thermal Camera

SATIR are pleased to announce the release of the DX-600, an industrial handheld thermal camera series. 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 model has a 32GB removable SD Card.

Key Features

- 5"TFT touch screen
- 5MP visual camera
- Better performance with ±2°C accuracy
- IR image/Visual image/PIP/Fusion/IMIX
- Professional analysis software
- Optional lens: 48°/12°/6°
- Android App

DX-600 Specifications

Please be aware specifications can vary from time to time

Model	DX-600
Detector type	FPA, Uncooled Microbolometer with Amorphous silicon or VOX material
IR Resolution	640x480
Thermal Sensitivity/NETD	<0.03°C @30°C
Spectral Range	7.5~14μm
Field of View	24°×18°
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)	30 Hz
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
Measurement Correction	Emissivity, reflected temperature, relative humidity, object distance, offset temperature, ambient temperature
Tracking function	Highest temperature spot auto tracking
Image storage And Transmission	
Storage Media	32G removable SD card
Thermal image format	Standard JPEG/JPG/PNG
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

DX-600 Specifications

Please be aware specifications can vary from time to time

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

Please be aware specifications can vary from time to time

Marley's Lane,Drogheda,Co.Louth,Ireland
Tel:+353(41)9846786
Email:enquiry@satir.com
Website:www.satir.com