

SPECIFICATIONS

Model

DX-300

Detector type	FPA, Uncooled Microbolometer with Amorphous silicon or VOX m
IR Resolution	384x288
Thermal Sensitivity/NETD	<40 mk@30°C (+86°F)
Spectral Range	7.5~14µm
Field of View	24°x18°
Spatial resolution (IFOV)	1.31mrad
Focal Length	13mm
Focus	Manual/electric/automatic
Minimum Focus distance	0.15m
Optional lens	48°/12°/6°
Image frequency	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 ,2x ,4x ,8x

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 boxes and 5 lines, Average temp, Max 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 ca
Thermal video format	Real-time radiometric recording(.irv)/.H264
Video output interface	Micro 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

GPS Support, Location data automatically added to every still image and the first

Features Mode Auto shutdown & Sleep mode

Alarm mode Automatic acousto-optic alarm for set temperature value/above/

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)

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 F