

GF20

Thermal Firefighting Camera



The SATIR GF series of thermal cameras—GF60, GF30, and GF20—are designed to equip firefighters and fire wardens with the advanced tools they need to operate effectively in hazardous conditions.

SATIR GF20 is a new release that is an entry level thermal firefighting camera as it has a 256x192 IR resolution. This model is suitable for small fire stations or fire wardens that require a entry level product that is cost-effective and budget friendly.

It has a number of features such as laser pointer, digital zoom, a good operation time in hot environments. This is a new entry model for a thermal imager for those who work in fire safety.



Key Features

- 256x192 IR Resolution
- -20°C~800°C Temperature Range
- 14 Colour Palettes
- 32GB SD Card Storage
- Laser Pointer

GF20 Specifications

Infrared	GF20
Detector resolution	256×192 resolution
Detector type	UFPA
Lens	56°×42.2°, Free Focus
Image frame rate	30 Hz * Inside the EU, outside 9 Hz
Temperature measurement	
Temperature range	-20°C~800°C (Optional high temperature range to 1200°C), automatic switching range
Temperature measurement accuracy	±2 ° C or ±2% of the reading
Image display	
Screen parameter	3.5-inch LCD screen, 1024×768 pixels
Colour palette	10 colour palettes including firefighting mode/Observe
Isotherm	Supported
Image storage	
Storage medium	Built-in 32GB SD card
Non-radiative infrared video recording	H264 format to internal flash card
Image storage	Jpg (including full temperature data)
Wireless transmission	
WIFI	Optional
4G wireless Video transmission (optional)	Optional
Laser pointer	
Laser indicating function	Support
Laser ranging	Support
Electronic compass	Support
Digitalzoom	
Digital zoom	2x/4x
Operatingtime	
Battery operating time	+25°C ambient temperature and general use for about 4 hours
Battery life	> 4 hours
Charging system	DC 12V Dual charging dock or car charger
Duration of operation at specific ambient temperature	30 minutes (80°C), 10 minutes (120°C), 5 minutes (260°C)

Physical Characteristics	
Dimensions	235x103x60mm
Relative Humidity	≤95% relative humidity, +25°C to +40°C non-condensing
Encapsulation	IP67
Anti-drop	2m

Please be aware specifications can vary from time to time