

GF30

Thermal Firefighting Camera



SATIR GF30 is a new release that is a mid-level thermal firefighting camera as it has a 384x288 IR resolution. This model is an upgrade from the GF20 due to its higher IR resolution capabilities. It is ideal for firefighters and fire wardens who want to be able to check the environment for unconscious individuals and also to investigate where the starting point of the fire began. It has two temperature levels, a low temperature and high temperature level that goes up to 2000°C.

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

Key Features

- 384x288 IR Resolution
- 40°C~1000°C Temperature Range , 1500/2000°C optional
- 10 Colour Palettes
- 32GB high-speed flash memory card
- Laser Pointer
- 4 Hour Battery Life

GF30 Specifications

Infrared		GF30
Detector resolution		384x288 resolution
NETD		0.04°C@30°C
Spatial resolution		2.53mrad
Detector material		Polysilicon or vanadium oxide
Operating band		7.5 ~ 14μm
Lens		48°x36°, Free Focus
Minimum focus distance		0.5m
Picture frame rate		60 Hz
Temperature measurement		
Temperature range		-40°C ~ 1000°C, 1500/2000°C optional
Temperature measurement accuracy		±2 ° C or ± 2% of the reading
Automatic tracking		Automatically track the highest temperature points
Image display		
Colour palette		10 colour palettes including firefighting mode/Observe mode/WH/BH
Screen parameter		3.5-inch display, 320x240 pixels
Infrared video recording		
Infrared video recording		duration continuous recording.4 hours
Image storage		
Storage mode		32G high-speed flash memory card
Image/Video format		JPG./H.264
Wireless transmission		
4G wireless video transmission		Optional
WIFI		Optional
Laser pointer		
Laser indicating function		Support
Laser ranging		Support
Electronic compass		Support
Power System		
Battery type		Removable rechargeable explosion-proof lithium battery
Battery life		> 4 hours
Supply voltage		DC 12V Dual charging dock or car charger
Digital Zoom		
Digital Zoom		2x/4x

Physical Characteristics	
Weight	≤ 710g
Dimensions	240mm(L)x107mm(W)x80mm(H)
High Temperature Resistant Materials	PPSU silicone rubber, alumina
Operating Environment	
Duration of Operation at specific ambient temperature	30 minutes (80°C), 10 minutes (120°C), 5 minutes (260°C)
Encapsulation	IP67
Anti-Drop	2m

Please be aware specifications can vary from time to time