



Product description:

NF-521 has thermal imaging function and can display hot and cold spots on the screen, enabling users to observe the object temperature changes more effectively. It helps you to quickly lock the target area. The standard 8GB memory card can save a large number of images and data and generate high-quality infrared images, which is a useful tool for fault maintenance.

Main function:

1. 2-megapixel white lens
2. 2.4 TFT LCD Display
3. Temperature testing range: -10°C ~ 400°C
4. 32×32 pixel resolution, 33° Field of View
5. Merging visible and infrared image display
6. Chargeable Li-ion battery (charge by micro USB interface)

Technical indexes:

Infrared temperature measurement	
Temperature measurement range	-10~400°C
Basic accuracy	±2% or ±2.0°C
Emissivity	adjustable 0.1~0.99
Measuring resolution	0.1 °C
Response time	150ms
Spectral band	8~14um
Thermal imaging technique	
Thermal imaging resolution	32*32 (1024 pixels)
Electronic shutter	No
Visible light camera	2 megapixels
Display resolution	Thermal imaging, thermal mixing, digital camera
Color palettes	Ironbow, iridescence ,Grayscale
Infrared spectral bandwidth	8~14μm
FOV	33° horizontal
IFOV	18 mrad
Thermal imaging sensitivity	150mk
Frame rate	≤9Hz
Image format	BMP
General parameters	
Monitor	2.4 & rdquo; TFT LCD
Display resolution	320*240 pixels
Battery	3.7V/2600mAh
Automatic shutdown function	Yes
Certification	CE
SD card	8GB TF card
Working temperature	-10°C ~45°C

Drop proof	2m
Standard accessories	manual, USB cable, 8GB micro TF card