

VT-5100P

Portable Thermal Camera

The thermal imaging camera series adopt the fourth generation of uncooled focal plane infrared detector, the most advanced optics and electronic system, which have super high performance and smart shape.

The product has hard and sealed shell, inside is nitrogen, can repel rains and dusts and can work in harsh environment normally. This product can penetrate dusts, fog, rain, snow and darkness and provide clear images

Features

- Adopt the fourth generation of uncooled detector, NETD at 35mk, easy to find objects.
- Special compensation circuits: No need of TEC, low power consumption
- Special Image processing technology: flat image with no noise, 9 pseudo color and 2 formats: hot black/hot white;
- DDE technology: easy to find hidden objects
- Start quickly: 2s driving time
- Portable: small size, low power consumption, easy to carry
- Built-in display: built-in mini LCD display, appropriate for hidden use.
- Power Supply: outside power supply and built-in battery
- Video output: video signal output, appropriate for connecting with other displaying or recording system



Camera Model	VT-5100P
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Features	
Effecting Distance	Detecting distance:3300m for vehicles, 1200m for people Recognize distance:820m for vehicles,300m for people Vehicle(2.3m X 2.3m),People(1.8m X 0.5m)
Detector	Fourth generation of uncooled focal plane infrared detector α -Si; resolution at 384 X 288 pixels; spectrum range 7~14 μ m; NETD \leq 60mk
Lens	Focal length: 50mm; F=1.0; FOV: 10° X 8°; Electrical adjusting focus
Image Processing	1.Video Format:ASF 2.Video Resolution:720X576 3.Picture Format: JPEG 4.Automatic Gain Control(AGC) technology 5.2x digital magnification
Display	Binocular pixel: 1024X768
Storage	Capacity:32G Hours:18h
Interface	1.OSD menu 2.One PAL video output 3.DC12V 4.RS485 controlling cable 5.USB2.0 cable download video and pictures to PC
Size & Weight	size: 200mmX135mm70mm weight: \leq 1.25Kg
Environment	high aluminum alloy shell, smart design working temperature: -15°c~+45°c storage temperature: -20°c~+55°c
Battery	1.Li battery 2.Consumption \leq 6W 3.Continuous using time:6hInstallation
Installation	Tripod with 1/4" installing hole