

36 Body Heat Camera

AlphaFeverCamera

ALPHATRON
Marine



- One second to detect skin-surface temperature of a person
- Multi-person detection simultaneously
- Non-contact measurement to avoid physical contact
- Immediately alarming to notify operators
- AI detection to reduce false alarms from other heat sources



Area of interest



Airports



Customs



Schools



Harbors & vessels



Hospitals

...and more

alphatronmarine.com

Features |

As the COVID-19 virus continues to pose a threat in daily life and business operations, a safe and healthy (work) environment is more than ever our priority. Alpatron Marine in close collaboration with Alpatron Security and Alpatron Medical contributes to this cause by introducing the Body Temperature Measurement Camera which is able to measure object's temperature at a high accuracy in real time, with accuracy up to $\pm 0.5^{\circ}\text{C}$.



The camera is capable to discover and track people with higher body temperature among crowded public areas and it can be widely used in places such as office buildings, customs, airports, schools and hospitals for inspection and quarantine.

- 160x120 resolution in thermal channel
- High sensitivity sensor
- Temperature range: 30°C to 45°C
- Temperature accuracy: $\pm 0.5^{\circ}\text{C}$
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement
- Audio alarm

Specifications |

General	
Menu Language	32 languages
Power	12 VDC \pm 20%, two-core terminal block PoE (802.3af, class 3)
Power Consumption	12 VDC \pm 20%: 0.5 A, max. 6 W PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, max. 6.5 W
Working Temperature/Humidity	10°C to 35°C (Indoor and windless environment use only) 95% or less
Protection Level	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Max. Resolution	160 x 120 (the resolution of output image is 320 x 240)
Pixel Interval	17 μm
Response Waveband	8 μm to 14 μm
NETD	Less than 40 mK (25°C), F# = 1.1
Lens (Focal Length)	3.1 mm
IFOV	5.48 mrad
Field of View	50° x 37.2° (H x V)
Min. Focusing Distance	0.2 m
Aperture	F1.1
Optical Module	
Max. Image Resolution	2688 x 1520
Image Sensor	1/2.7" Progressive Scan CMOS
Field of View	84° x 44.8°(H x V)
Infrared	
IR Distance	Up to 15m
IR Intensity and Angle	Automatically adjusted

Tech Specs |

Body Heat Camera RoHS

Weight 0.94 kg (2.07 lbs)

