DS-2TA03-15VI Thermographic Automation Thermal Camera

The Thermographic Automation Thermal Camera is able to measure object's temperature at a high accuracy in real time. With the advantage of small size, low power consumption and easy integration, it can independently be used, or be integrated into devices like intelligent robots for equipment maintenance, failure detection, industrial process control, etc. The industries it can be applied to include electric system, industrial automation and so on.

Thermal Imaging Module Function：

- 384*288 resolution, high sensitivity sensor, support contrast adjustment
- Support point, line and frame for temperature measurement
- Temperature Range: -20~550°C; Temperature accuracy: ±2°C or ±2% (larger value)
- Reliable temperature exception alarm function
- Support FFC scheduled, temperature and manual shutter correction
- 3D DNR, 15 palettes of color adjustable, image detail enhancement
- Support mirror image, digital zoom X2, X4 and local output

Specifications

Parameter	Model	DS-2TA03-15VI
		Thermographic Automation Thermal Camera
Thermal Module	Image sensor	Vanadium Oxide Uncooled Focal Plane Arrays
	Max. Resolution	384 × 288
	Pixel interval	17um
	Response waveband	8~14μm
	NETD	< 50mk(@25°C,F#=1.0)
	Lens (focal length)	15mm
	MRAD	1.13 mrad
	Field of View	25° × 19°
	Min. Focusing Distance	0.1m
	F number	1.0
	Frame Rate	50fps
Accurate Thermometric	Temperature Range	-20°C～550°C (-4 ° F to 1,022 ° F)
	Temperature accuracy	±2°C(±3.6° F) or ±2% (larger value)
	Temperature measurement type	10 points, 10 frames and 1 line
Interface	Reset	1 Reset Button
	Ethernet	Gigabit Ethernet
	Alarm	1 in / 1 out
	Analog video output	SMA
	RS485	Support
	Storage	Built-in 32GB memory(max 128G), Video recording support manual recording and alarm linkage recording.
	API	Open-ended API, support ISAPI; Support HIKVISION SDK and Third-party Management Platform
	Radiation streaming	16bit 50Hz 384*288 resolution temperature or radiation data output; Modbus TCP to transfer temperature or radiation data;
System Parameter	Language	English
	Power supply	DC12V
	Power	≤6W
	Working temperature Humidity	-20°C~50°C(-4 ° F to 122° F)，＜90% RH
	Weight	Approximately 600g(with lens), or 350g(without lens)
	Dimension Size	120 × 60 × 60 mm(L x W x H)
	Mounting	UNC 1/4"-20 (bottom) 2 × M4 thread mounting holes (bottom)
	Shell	Magnalium

Order model:

DS-2TA03-15VI

Dimensions：