

## HM-TD3128T-2/G Thermography Cube Camera



HIKMICRO HM-TD3128T-2/G Thermographic cube camera offers continuous temperature monitoring and alarming with thermal image. The camera is small in size and easy to install, which can be mounted in narrow places and provides large field of view. You can use them against sudden outages, service interruptions, and failure of electrical or mechanical equipment in places such as electrical cabinets, process control and manufacturing, data centers, power plant, power distribution station, mass transit, storage facilities, and refrigeration warehouses.

### ▪ Features

- 256 × 192 resolution in thermal channel, high sensitivity sensor
- Point, line and area for temperature measurement
- Temperature range: -20°C to 150°C (-4°F to 302°F); temperature accuracy: Max (±2 °C, ±2%)
- Reliable temperature exception alarm function

## ▪ Specification

Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	256 × 192
Pixel Pitch	12 μm
Spectral Range	8 μm to 14 μm
NETD	≤35 mK (25°C, F1.0)
Focal Length	2 mm
I FOV	6 mrad
Field of View	90° × 65° (H × V)
Min. Focusing Distance	0.2 m
Aperture	F1.0
Digital Zoom	×2, ×4, ×8
Smart Function	
Temperature Measurement	3 temperature measurement rule types (point, area, line), 11 rules in total
Temperature Range	-20 °C to 150 °C (-4 °F to 302 °F)
Temperature Accuracy	Max (± 2 °C, ±2 %)
Video and Audio	
Main Stream	Thermal: 25 fps (640 × 512, 384 × 288, 256 × 192)
Video Compression	Main Stream: H.265/H.264/MJPEG
Video and Image	
Color Palettes	17 types (White hot, Black hot, Fusion 1, Rainbow, Fusion 2, Ironbow 1, Ironbow 2, Sepia, Color 1, Color 2, Ice fire, Rain, Red hot, Green hot, Dark blue, Winter, Summer)
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, DHCP
API	ISAPI, ISUP, HIKVISION SDK, and third-party management platform, Open Network Video Interface (Profile S, Profile G, Profile T), OTAP
Simultaneous Live View	Up to 3 channels
User/Host level	Up to 32 users, 3 levels: Administrator, Operator, User
Security	User authentication (ID and Password), HTTPS encryption, IEEE 802.1x(EAP-MD5, EAP-TLS), access control, IP address filtering
Client	iVMS-4200, Hik-Connect
Web Browser	Live view (plug-in free) :Edge 91+, Chrome 91+, Firefox 88+, Safari 13+
Interface	
Alarm Output	1, alarm output (alarm response actions configurable)
Alarm Action	Relay output/Smart capture/FTP upload
Communication Interface	1, RJ45 10 M/100 M Self-adaptive Ethernet interface. 1, RS-485 interface (half duplex)

<b>General</b>	
Web Client Language	32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Power Supply	12 VDC, Max. 5 W or PoE (802.3af, class 2)
Working Temperature/Humidity	Accurate Temperature Measurement: -20 °C~60 °C, < 90% RH Normal Operation: -40 °C~70 °C, < 90% RH
Protection Level	IP40 Standard
Dimensions	50 mm × 50 mm × 26.5 mm (1.96" × 1.96" × 1.04")
Weight	Approx. 82.5 g (0.18 lb)
<b>Approval</b>	
EMC	CE-EMC (EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN50130-4: 2011+A1: 2014); KC (KSC 9832:2023; KSC 9835:2019)
Safety	CB: IEC 62368-1: 2014+A11; CE-LVD: EN 62368-1: 2014/A11: 2017; LOA: SANS/IEC 60950-1
Environment	CE-RoHS : 2011/65/EU, WEEE: 2012/19/EU, Reach : Regulation(EC) No 1907/2006

### ▪ Available Model

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