

HM-TD2A67H1-25/Q High Temperature Box Camera





The High Temperature Box Camera can be combined with devices for molten steel/molten iron detection, cement rotary kiln, glass processing, automobile lab, temperature measurement of conveyor belt for transferring billet, rail rolling temperature measurement, etc.

## **Key Feature**

- 640 × 512 resolution, high sensitivity sensor
- Object temperature range: 0°C to 800°C (32°F to 1472°F), 600°C to 1800°C (1112°F to 3272°F); Max. (± 2°C, ± 2%)
- Temperature measurement at user-defined points, lines, and areas
- A highlighted cross at the max. temperature in the thermal image
- Thermal image frame rate: 50 fps
- Color alarm (isotherm) available for Above, Between, and Below object temperatures

## Specification **Thermal Module** Vanadium Oxide Uncooled Focal Plane Arrays Image Sensor Resolution $640 \times 512$ **Pixel Pitch** 17 µm NETD ≤ 35 mK (@25°C, F# = 1.0) 25 mm **Focal Length IFOV** 0.68 mrad Aperture F1.5 Field of View 24.8° × 19.9° (H × V) Min. Focusing Distance 0.5 m **Measurement and Analysis Object Temperature Range** 0°C to 800°C (32°F to 1472°F), 600°C to 1800°C (1112°F to 3272 °F) Object temperature 100°C to 1800°C (212°F to 3272°F), ± 2% for ambient temperature **Temperature Accuracy** 18°C to 25°C ( $64.4^{\circ}$ F to 77°F) and $\pm$ 3% for ambient temperature 25°C to 50°C ( $64.4^{\circ}$ F to 77°F) **Measurement Presets** Hot spot, cold spot in real time Point 10 User Presets Line 1 User Presets 10 User Presets Area Above/Between/Below Color Alarm (Isotherm) **Thermographic Integration Temperature Metadata** Continuous output data of preset thermographic rules and measured temperature Thermographic Data Encoding 4 fps, 32-bit 640 × 512 per frame Real-time full-screen thermographic data matrix (16-bit or 32-bit 640 × 512) via RTSP, Thermographic Data Upload ISAPI, and SDK Raw Data Upload Real-time full-screen YUV data via RTSP and SDK Video and Image Main Stream 50 fps ( 1280 × 720, 704 × 576, 640 × 512, 352 × 288, 384 × 288 ) Video Compression H.265/H.264/MJPEG 15 options: White Hot, Black Hot, Fusion 1, Rainbow, Fusion 2, Ironbow 1, Ironbow 2, **Color Palettes** Speia, Color 1, Color 2, Ice Fire, Rain, Red Hot, Green Hot, Dark Blue Network IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, Protocols RTP, TCP, UDP, IGMP, ICMP, DHCP Simultaneous Live View Up to 3 channels User/Host level Up to 32 users, 3 levels: Administrator, Operator, User User authentication (ID and PW), HTTPS encryption, IEEE Security 802.1x (EAP-MD5, EAP-TLS), access control, IP address filtering Client **HIKMICRO Studio** Interface 1, alarm input (0 to 3.3 VDC) Alarm Input Alarm Output 1, alarm output; NC, level quantity 1, RJ45 10 M/100/1000 M self-adaptive Ethernet interface **Communication Interface** 1, RS-485 interface (ModBus available)

1, CVBS output

Analog Output

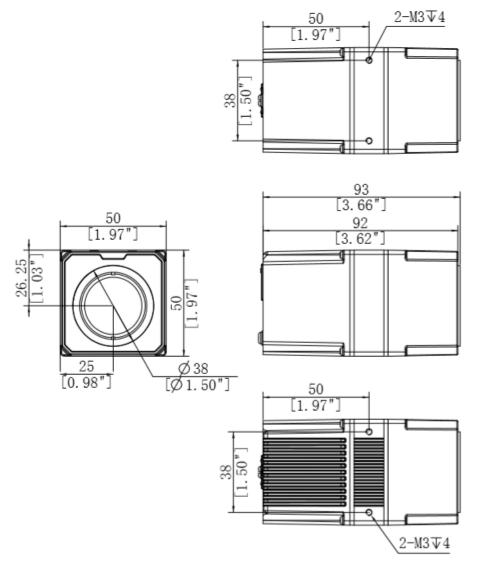


General	
Menu Language	English
Power Supply	10 to 30 VDC
Working Temperature/Humidity	-20°C to 50°C (-4°F to 122°F)
	90% or less
Protection Level	IP40
Dimensions	93 mm × 50 mm × 50 mm (3.66" × 1.97" × 1.97")
Weight	Approx. 344 g (0.76 lb)
Mount	M3

## Available Model

HM-TD2A67H1-25/Q

## Dimension



Unit: mm [Inch]

COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.





Room 313, Unit B, Building 2, 399 Danfeng Road, Xixing Subdistrict, Binjiang District, Hangzhou, Zhejiang

© Hangzhou Microimage Software Co., Ltd. 2020 | Data subject to change without notice!