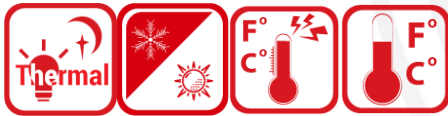




HIKMICRO

QD1210

High Resolution R&D Box Cameras



The Thermographic Network Box Camera with small size, low power consumption and simple integration realizes real-time high-accuracy object temperature measurement with high resolution.

▪ Features

- High sensitivity sensor with 1280 x 1024 resolution
- Object temperature range: -20°C to 150°C (-20~100°C:±1°C, 100~150°C:±1%); 0 °C to 650 °C (0~100°C:±2°C, 100~650°C:±2%)
- Temperature measurement at user-defined points, lines, and areas
- Thermal image frame rate: 50 fps
- A highlighted cross at the max. temperature in the thermal image
- Color alarm (isotherm) available for Above, Between, and Below object temperatures
- Support mirroring, digital zoom(2x, 4x, 8x)

• Specification

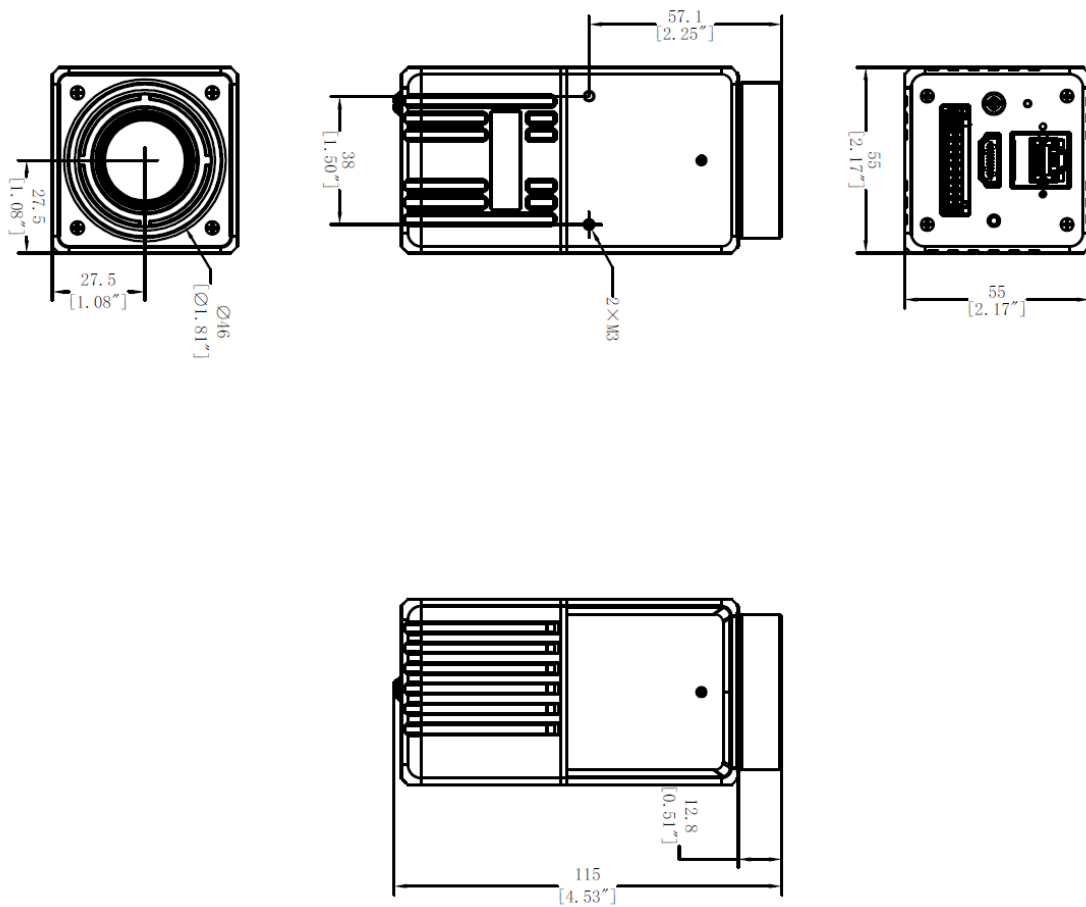
Thermal Module	
Image Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
Resolution	1280 × 1024
Pixel Pitch	12 μm
NETD	<35 mK (25 °C, F# = 1.0)
Focal Length	15 mm
Focus Mode	Athermalized
IFOV	0.8 mrad
Field of View	60.1°(H)×47.5°(V)
Min. Focusing Distance	0.15m
Aperture	F1.0
Measurement and Analysis	
Object Temperature Range	-20°C~150°C, 0°C~650 °C
Temperature Accuracy	Range -20~150°C: -20~100°C:±1°C, 100~150°C:±1% Range 0~650°C: 0~100°C:±2°C, 100~650°C:±2%
Measurement Presets	Hot spot, cold spot in real time
Point	10 User Presets
Line	1 User Presets
Area	10 User Presets
Color Alarm (Isotherm)	Above/Between/Below
Video and Image	
Main Stream	50 fps (1280× 1024)
Video Compression	H.265/H.264/MJPEG
Color Palettes	15 options: White Hot, Black Hot, Fusion 1, Rainbow, Fusion 2, Ironbow 1, Ironbow 2, Speia, Color 1, Color 2, Ice Fire, Rain, Red Hot, Green Hot, Dark Blue
Digital Zoom	×2, ×4, ×8
Radiometric Capture	Yes
Radiometric Infrared-Video Streaming (Compressed)	Over RJ45, 1280 × 1024@50fps
Network	
Protocols	IPv4, HTTP, HTTPS, 802.1x,Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, ISUP, GB28181, ONVIF, modbusTCP, WebSocket, PPPoE, SRTP, OTAP
Network Storage	NAS (NFS, SMB/CIFS)
API	MODBUS, ISAPI, Network SDK, Open Network Video Interface (Profile S, Profile G)
Simultaneous Live View	Up to 20 channels
User/Host level	Up to 32 users, 3 levels: Administrator, Operator, User

Security	User authentication (ID and PW), MAC address Binding, HTTPS Encryption, IEEE 802.1x(EAP-MD5, EAP-TLS), Access Control, IP Address Filtering, Illegal Login, HDD Full, HDD Error, Network Disconnected
Client	HIKMICRO Analyzer, HIKMICRO Studio
Interface	
Alarm Input	1, alarm input (0-3.3 VDC)
Alarm Output	1, alarm output; NO, Built-in relay (max. DC 60V 1.3A)
Alarm Action	Preset/patrol scan/alarm record/relay output/smart capture/FTP upload/email linkage
Communication Interface	1, RJ45 10 M/100 M/1000 M self-adaptive Ethernet interface 1, RS-485 interface (HIKVISION, PELCO-P, PELCO-D, modbusRTU, modbusASCII)
HDMI	HDMI-D
General	
Menu Language	English
Power Supply	10-30 VDC
Working Temperature/Humidity	-20 °C to 50 °C (-4 °F to 122 °F) 90% or less
Power Consumption	5.5W Max
Protection Level	IP42
Mount	M3
Weight	Approx. 625g (1.37 lb.)
Dimensions	115 mm × 55 mm × 55 mm
Material	Aluminum alloy

▪ Available Model

HM-TD2CC8E-15/T1

▪ Dimension



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