

Dynacom WQT430D

Dual Thermal Camera

On-Board Temp-Detection Algorithm
 One IP address Two channels
 Effective Pixels 400×300
 Sensitivity 40mK
 3.5mm Fixed Lens
 20 Spots / 2 Lines / 16 Areas Temperature Detection
 17 Color Control
 Aisle mode
 DC12V/PoE



MODEL	WQT430D
THERMAL CAMERA	
Detector Type	Uncooled IRFPA Microbolometer
Effective Pixels	400(H) ×300(V)
Pixel Size	17um
Thermal Sensitivity (NETD)	40mK @F1.0, 300K
Spectral Range	8~14um
Image Setting	Polarity LUT/ DVE/ Mirror/ FCC/ /3D DNR Brightness/Contrast/ ROI
Color Palettes	Black-Heat /White-Heat/Rainbow/Iron-Red up to 17 modes
Lens Type	Fixed
Focus Control	Fixed Focus
Focal Length	3.5mm
F No.	F1.0
Angle of View	88°×72°
Detection Distance Fire(0.1m*0.1m)	10m
Recognition Distance Fire(0.1m*0.1m)	4m
CAMERA	
Image Sensor	1/2.8" Sony CMOS
Effective Resolution	1920 (H)×1080(V)
Shutter Speed	1/5 ~ 1/20,000s
Min. Illumination	Color: 0.1Lux @(F1.2, AGC ON), B/W: 0.01Lux @(F1.2, AGC OFF)
S/N Ratio	More than 60dB
Noise Reduction	2D/3D DNR
Focal Length	2.8mm
Max Aperture	F2.0
Angle of View	100°
VIDEO, AUDIO	
Compression	H.265, H.264, MJPEG
Frame Rate	Thermal: D1 @25/30fps, Visible: 1920×1080 @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Thermal: 100Kbps~6Mbps, Visible: 500Kbps~12Mbps;
Region of Interest	Off / On (8 Zone, Rectangle)
Defog	Support
Motion Detection	Support
Privacy Masking	Off / On (4 Area, Rectangle)
DVE Image Enhance	Support
Audio Compression	G.711 (8kbps), RAW_PCM (16kbps)

INTELLIGENCE	
Intelligent Functions	Motion detection, Disk alarm, I/O alarm, Temperature alarm
IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left, Object Removed
TEMPERATURE DETECTION	
Detection Mode	Spot, Line, Area
Detection Preset	Support 3 temperature measurement rule types, 20 rules (20 points / 2 lines / 16 regions)
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2°C / ±2%
Response Time	≤30ms
Effective temperature working environment	-10°C~55°C(14°F~131°F)
Theory of temperature measurement range	-30°C~200°C(-22°F~392°F)
Temperature display mode	Temperature target >5°C, Display absolute temperature value, Temperature target ≤5°C, Display relative temperature value (temperature difference DEV = highest value - average)
NETWORK	
Protocols	IPv4/IPv6, HTTP, RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP, 802.1x
Interoperability	ONVIF, CGI, SDK
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian
INTERFACE	
Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio I/O	1ch Input, 1ch Output
Alarm I/O	2ch Input, 2ch Output
CVBS Output	1ch BNC, 75Ω
RS485	Support
ELECTRICAL	
Power Supply	DC12V/PoE (IEEE 802.3af)
Power Consumption	≤10W
Operating Temperature	-30°C ~ 60°C (-22°F ~ 141°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
Certifications	CE / FCC
Casing	Metal
Dimensions	φ127×82.5×62.4mm
Net Weight	650g

Dimensions(mm)

