

# **Dynacom WQT480B-P**

## **Thermal Temperature Camera**

Uncooled IRFPA Microbolometer  
Effective Pixels 640×512  
Sensitivity ≤40mK  
25mm Fixed Lens  
20 Spots/2 Lines/16 Areas Temperature Detection  
17 Color Control  
DVE Image Enhance  
2/2 Alarm In/Out



### **System Overview**

Featuring a fixed lens bullet camera, this series provides an all-in-one solution that is especially beneficial for long distance video surveillance in outdoor applications. Together with Thermal technology, the camera's long range capabilities are able to be utilized even at night.

### **Thermal imaging surveillance IP Camera**



**Night remote parking monitoring**



**Night road monitoring**



**Human Temperature Measurement**



**Residual heatdetection**

Thermal Camera	WQT480B-P
Detector Type	Uncooled IRFPA Microbolometer
Effective Pixels	640(H) ×512(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
Pan/Tilt/ Rotation Range	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360
Thermal Lens	
Lens Type	Fixed
Focus Control	Manual Focus
Focal Length	25mm
Video and Audio	
Compression	H.265, H.264, MJPEG
Frame Rate	Main Stream: D1 @50/60fps
	Sub Stream: CIF @50/60fps
Bit Rate Control	CBR/VBR
Bit Rate	100Kbps~6Mbps
Region of Interest	Off / On (8 Zone, Rectangle)
Electronic Image Stabilization(EIS)	N/A
Digital Zoom	16x
Mirror	Support
Defog	Support
Motion Detection	Support
Privacy Masking	Off / On (5 Area, Rectangle)
DVE Image Enhance	Support
Audio Compression	G.711, AMR, RAW_PCM (Optional)
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	Spot: 20, Line: 2, Area: 16
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2°C / ±2%
Response Time	≤30ms
Effective temperature working environment	-40 °C ~ 60 °C (-40°F ~ 140 °F)
Theory of temperature measurement range	-40 °C ~ 150 °C (-40°F ~ 302 °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	
Ethernet	RJ-45 (10/100Base-T)
Protocols:	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP ,802.1x
Interoperability	ONVIF, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	NAS
	Local PC for instant recording
	Micro SD card 128GB
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 Interface	1ch Audio In,1ch Audio Out
Alarm	2ch Alarm In,2ch Alarm Out
RS485	Support
BNC Output	Support
Reset Button	Support
General	
Power Supply	DC12V/POE/AC24V
Power Consumption	Max 5W
Operating Temperature	-40 °C ~ 60 °C (-40°F ~ 140 °F)
Storage Conditions	0~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	φ110×388mm
Net Weight	1900g

### Dimensions (mm)

