

## Dynacom WQT420B Thermal Image IP Bullet Camera



- Uncooled infrared focal plane sensor
  - 8 ~ 17um long wave infrared detection
  - Heat sensitivity, up to 50mK
  - Support 8/15/25/35/50 mm focal length, such as fixed focus lens (optional)
  - Support pseudo-color mode switching: Black hot / White Heat / Rainbow / on oxide red
  - Support DVE image enhancement features
  - Support Noise / mirroring
  - Supports H.264 / MJPEG optional four coding algorithms and compatibility
  - Real-time 3 yards stream output can meet local storage and network transmission of video
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- 1 channel audio input, 1 channel audio output, two-way voice intercom
  - Support Micro SD card local storage, can effectively solve the video lost due to network failure caused the problem.
  - Hardware watchdog, fault auto recovery
  - Metal linkage cooling design
  - Three-axis rotation adjustable bracket for easy installation adjustment
  - DV12V / PoE Power Supply

### Thermal imaging surveillance IP Camera



Night remote parking monitoring



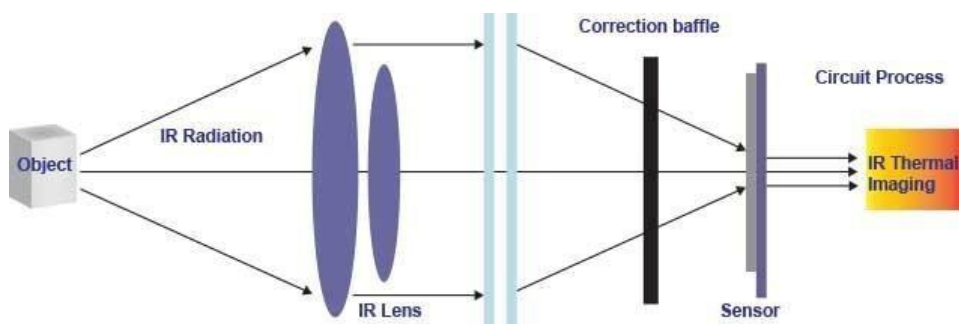
Night road monitoring



Hidden target identification



Residual heat detection



## Specifications

<b>Model</b>	<b>WQT420B</b>
<b>Detector performance</b>	
Detector Type	Uncooled sensor
Induction	Microbolometer
Pixel Pitch	25um
Response band	8~17um
Thermal sensitivity	50mK
Frame rate	50/60Hz
<b>Video features</b>	
Fixed focus lens	8/15/25/35/50 mm (Optional)
Focus Mode	Manual
FOV	75.4°×54.4°/39.7°×29.8°/23.7°×17.9°/17°×12.8°/11.9°
Aperture	1.0
Recognition distance	60/110/180/250/350M
<b>Functional properties</b>	
Pseudo-color image mode	Black hot / White Heat / Rainbow / Ironbow
DVE image enhancement	1 to 7
Mirroring	Horizontal / vertical / horizontal + vertical
Noise Reduction	Support, 2D/3D
Correction	Auto / Manual / External
OSD Display	Support
<b>Image features</b>	
Output image resolution	D1/CIF
Frame Rate	25fps
<b>Encoding features</b>	
Video compression formats	H.264BP/MP/HP/MJPEG
Audio compression format	G.711, AAC, MP3, WAV, PCM
Multi-stream	Supported
Rate Control	CBR/VBR
Stream range adjustment	50Kb ~ 4Mb
<b>Network features</b>	
Network protocol	IPv4, IPv6, RTP/RTSP/RTCP/TCP/UDP/HTTP/DHCP/DNS, FTP/DDNS, PPPoE, SMTP, SIP
Storage protocol	CIFS, NFS
WEB Management	Built-WEB services, through remote viewing and configuration of IE
Remote upgrade and	Support
Integration	Support international standards Onvif v2.2 profile-S
Maximum users	Supports up to 10 users simultaneously access
<b>Interface features</b>	
Network interface	RJ-45, 10/100Base-T
Audio interface	1 channel audio input, 1 channel audio output, support for two-way voice
Alarm interface	2 alarm inputs, 2 alarm output
Analog video output interface	BNC, 75Ohm
PTZ control interface	RS485
SD card interface	Micro SD card/HCSD card
<b>System Features</b>	
Intelligent Alarm	Motion detection, I/O alarm, disk alarm
Heartbeat mechanism	Supported
Storage	Local storage, NAS storage, SD card storage
Privacy masking	Five regions areas size can be set,
Character display	Time, date, channel number, channel name and custom text
Security	Password protection, support for multi-level user group management, custom permissions, a reset button
Reliability	Hardware watchdog, fault auto recovery
<b>Physical Characteristics</b>	
Power supply	DC12V/ POE
Power Consumption	5W
Operating Temperature	-10°C ~ +50°C
Humidity	RH90% MAX(Non-condensing)
Protection class	IP66
Installation	Wall / Ceiling
Size	Φ110×388mm
Weight	1900g

Dimensions (mm) :

