

Dynacom WQT6505XL Pan Tilt Zoom Thermal Camera



- 640x480 Thermal FPA micro bolometer
- Thermal focal length 30–150mm (5x zoom)
- Video focal length 15.6-500mm (32x zoom)
- Laser illuminator 2km
- Military laser standard
- 1080p 2M Video resolution



Model		Dynacom WQT6505XL PTZ Thermal Camera
Thermal imaging camera		
Detector type	Amorphous Silicon microbolometer FPA	
Spectral range	8~14μm	
Pixels	640X480	
Pixel size	17μm	
Focus length	30~150mm	
FOV	20.8°x15.6°~4.2°x3.1°	
Frame rate	50Hz	
Image polarity	Black hot/White hot	
Digital zoom	X4	
Visual camera		
Camera	Resolution	1920 (H) ×1080(V)Full HD1080p
	Sensor	1/1.8" Progressive Scan CMOS
	Shutter time	1s ~ 1/100,000s
	Lens	15.6~500mm, 32x optical
	Focus	Auto/Manual
	IRIS	Auto
Laser Illuminator		
Laser Source	10W, 808nm, Military Standard Laser	
Distance	2km	
Pan-tilt		
Horizontal angle of rotation	0~360° continuously rotation	
Vertical angle of rotation	-45°~+45° (-60°~+60° optional)	
Horizontal rotation speed	0.01°~30°/S	
Vertical rotation speed	0.01°~15°/S	
Preset	200	
Auto scan / Auto tour	Yes	
Housing		
Color	White	
Material	Aluminum	
Sun shield	Yes	
System characteristic		
Dimension	680mm×450mm×650mm	
Protection level	IP66	
Weight	50kg	
Working Temp	-20°C~60°C	
Storage Temp	-40°C~70°C	
Video	H.264/MPEG4	
Protocol	TCP/IP, IPv4/v6, ONVIF, PSIA, CGI	
Power supply	AC 24V	

Thermal Lens		30~150mm
Effective Distance of human (1.8*0.5m)	Detection(2 pixels)	4200m
	Recognition(6 pixels)	1400m
	Identification(12 pixels)	700m
Effective Distance of vehicle (2.3*2.3m)	Detection(2 pixels)	10200m
	Recognition(6 pixels)	3500m
	Identification(12 pixels)	1650m

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