

Dynacom WQT580KA

Thermal Imaging Surveillance IP Camera

Uncooled IRFPA Microbolometer
Effective Pixels 640*480
Sensitivity $\leq 50\text{mK}$
9/18/37/50mm Fixed Lens Optional
Electric zoom
12 Color Control



Night remote parking monitoring



Night road monitoring



Item		WQT580KA1	WQT580KA2
Video	Detector type	Uncooled FPA	
	Array Pixel	384×288	640×480
	Pixel pitch	25um	17um
	NETD	≤50mK@F1, 300K, 50Hz	≤60mK@F1, 300K, 50Hz
	Spectral range	8-14μm	
	Frame rate	50Hz	
	Video output	CVBS : 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P).	
Lens	Lens focus length and FOV	9mm:56.1°×43.6°	9mm : 62.3°×48.8°
		18mm:29.9°×22.2°	18mm : 33.6°×25.5°
		37mm:14.8°×11.1°	37mm : 16.7°×12.6°
		50mm:11.0°×8.7°	50mm : 12.4°×9.3°
	Focus method	Fixed athermal, lens water-proof,hard carbon film	
F	F1.1		
Tilt	Tilt range	0-90 degree	
Operation	Electric zoom	1X/ 2X/3X/4X	
	Brightness/gain	Manual	
	Denoise	Close/open	
	Image enhancement	Close/open	
	Pseudo color	12 mode switching	
	Calibration	Manual, auto, timing	
	Flip/mirror	Close/open	
	Alarm triggering	Gray level alarm, mobile detection, area intrusion, cross boundary alarm, upload the file via FTP	
	Alarm event	inform via e-mail When an event occurs, local storage or record event	
Network	Ethernet	RJ-45 (10/100BASE-T)	
	Video compression format	H.264, Motion JPEG	
	Resolution	720x576 / 720x480 / 640x480 / 384x288 / 320x240	
	Maximum frame	H.264 : maximum 30 fps	
		Motion JPEG : 640x480 : maximum 15 fps	
	Video quality modulation	H.264 : compressed level, target bit rate level control	
	Bit rate control	H.264 : CBR or VBR	
	Audio compressed format	G.711A/G.711U/G.726	
	protocol	IPv4, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, ICMP, IGMP, ARP, DNS, DDNS	
	Safety	HTTPS(SSL) validate logon	
		Classified validate logon	
		IP address filter	
		User access log	
	Storage	802.1X authentication method	
		Micro SD- download the moving image recorded in SD NAS- support to record to NAS	
Application programming interface	OnVif Profile S		
Web viewer	Supported wed browser : Microsoft Internet Explorer (vision 9~11)		
Environment	Working temperature	-20°C~+50°C scalable to -40°C~ +60°C	
	Storage temperature	-45°C~ +70°C	
	Input voltage/current	DC12V±10% / PoE(IEEE802.3af, Class3)	
	Consumption	6W (normal working) / 6W(PoE, Class3) (normal working)	
	Protection level	IP66	
Machine	Dimension	Length : 323mm Maximum outside diameter : 90mm	
	Weight	1.24Kg	