

PQL01 Quadra-sensor Camera



PQL01			
Weight	≤930g		
Dimensions	153.5mm×163mm×179.7mm		
Gimbal			
3-axis stabilization system	Roll, pan, tilt		
Structural limit	Roll	-330°~+330°	
	Pan	-90°~+60°	
	Tilt	-135°~ +45°	
Control angle	Roll	-300°~+300°	
	Tilt	-90°~+30°	
Max rotation speed	100°/s (adjustable)		
Stabilization accuracy	≤ 0.005°		
Thermal camera		Wide camera	
Resolution	640×512	Resolution	1/2" CMOS
Wavelength range	8~14um	Focal distance	6.83mm
Lens	Focal distance 13mm/F1.0(Prime lens athermal design)	FOV	DFOV 79°
Measurement mode	Full®ional	Photo resolution	8000×6000 48MP; 5160×3890 20MP
Measurement Range	-40°C~+150°C(high gain)	Video resolution	1920×1080@25fps
	-40°C~+550°C(low gain)	Laser	
Accuracy	±2°C or ±2%(Take max value)	Measuring range	5-1500m
Palette	10 kinds	Wavelength	905nm
Digital zoom	X2, X4, X8	Resolutions	0.1m
Zoom camera		Beam divergence	3.2mrad
Sensor	1/2" CMOS	Pulse efficiency	1hz
Focal distance	6.8-120 mm	Power	<1mW(human eye safety range)
FOV	DFOV 66.1°~4.3°	Environment	
Optical zoom	18X	Wokr/storage temp.	-20°C~55°C/-25°C~65°C
Digital zoom	(Max optical times)X2, X4, X8	Water-resistance level	IP44
Electronic shutter	1/3~1/30000	Interface&Power	
Photo resolution	8000×6000 48MP; 5160×3890 20MP	Stable power consumption	23W
Video resolution	4000×3000@25fps; 3840×2160@25fps	Voltage	DC12V