

Voltage		3S / 6S
Power		Dynamic 7.5W
Operating characteristic	**Roll Angle action range**	-45~+45°
	Pitch action range	-45~+135°
	Yaw angle action range	-240°~+240°
	The amount of angular jitter in pitch and roll direction	±0.02°
	Horizontal Angle jitter	±0.03°
	One-click return function	One-click automatic quick return to the initial position
	The speed of the head control is adjustable	The speed adaption is carried out based on the current speed mode and the multiple of the visible light camera.
	Control mode	Support network IP control and serial port control (optional SBUS and PWM control)
White light photography parameter	**CMOS Size**	1/3 inch 4 mega pixel, low illumination CMOS SENSOR
	Optical zoom	10x HD optical zoom len, f=4.9±10%~49±10%mm
	Focusing time	Real-time fast focusing function, focusing time <1S
	Digital zoom	Support 9x digital zoom
	Video output	HDMI/IP HD RTSP output, 1080P,Video streaming local TF storage
	Field angle（FOV）	D : WIDE 66.6°±5% TELE 7.2°±5% H : WIDE 53.2°±5% TELE 5.3°±5% V : WIDE 39.8°±5% TELE 4.2°±5%
	Support mode	1080P 30fps
Thermal imagery	**Resolution ratio**	256*192pixel
	Space between pixels	12μm
	Type	Uncooled vanadium oxide infrared thermal imager
	Wavelength coverage	8～14μm
	Heat sensitivity(NETD)	≤65mk@25℃@F1.0
	Field angle	7mm len，FOV：24°x 18°
	Measurement function (optional)	Center point, the highest temperature display temperature function; Supports global temperature measurement
Dimensions		81mm×120mm×140mm
Work environment		-10℃ to +45℃ / 20% to 80% RH
Stored Environment		-20℃ to +60℃ / 20% to 95% RH
Main application		drone aerial photography
Weight		434±20g