



Aaronia Ultra Long Range Thermal Infrared Camera

Physical Characteristics	Sealing	IP67
	Size	665 (w) x 340 (d) x 600 (h) mm
	Total Weight	40 kg
	Power Supply (CCU)	110-240 VAC 50-60 Hz
	Power Consumption	Maximum: < 250 W // Nominal: 180 W
	Operating Temperature	-32° C to + 55° C
	Storage Temperature	-35° C to + 65° C
	Payload Interface	GigE
Pan and Tilt Platform	Pan Range	N x 360°
	Tilt Range	+/- 90° (software and mechanical stops)
	Pan Speed	0.001°/s - 45°/s
	Tilt Speed	0.001°/s - 45°/s
	Position Accuracy	0.02°
	Stabilisation	< 2 mrad
Thermal Camera Sensor	Spectral Response	MWIR band
	FPA Format	1280 x 1024 pixels
	Pitch	10 µm
	FPS	30 frames per second (1080p30)
	Inbuild Heater	Yes
	Focus Control	Auto / Manual
	Continuous Optical Zoom	Horizontal field of view from 16.6° to 0.9°

Visual Example

Drone // Distance	500 m	1000 m	1500 m	2000 m	2500 m
Phantom 4 (White Hot Filter)					
Phantom 4 (Black Hot Filter)					
Mavic (White Hot Filter)					
Mavic (Black Hot Filter)					



Gewerbegebiet Aaronia AG II, DE-54597 Strickscheid
 Tel.: +49(0)6556-900310 Fax: +49(0)6556-900319
 www.aaronia.com E-Mail: mail@aaronia.de



MADE IN GERMANY