

ALTUM-PT™

	Altum-PT Sensor Specifications
Weight	460 g (16.2 oz.) Altum-PT + DLS2
Dimensions	11.0 x 8.0 x 6.9 cm (4.3 in x 3.1 in x 2.7 in)
External Power	7.0 V - 25.2 V
Power Input	5.5/7.0/10W (standby, average, peak)
Sensor Resolution	2064 x 1544 (3.2MP per MS band) 4112 x 3008 (12MP per PAN band) 320 x 256 thermal infrared
Spectral Bands	Blue 475(32), Green 560(27), Red 668(14), Red Edge 717(12), NIR 842(57)
RGB Color Output	12.4 MP (global shutter, aligned with all bands)
Thermal	FLIR LWIR thermal infrared 7.5-13.5um radiometrically calibrated
Multispec GSD (per multispec band)	5.28 cm per pixel at 120 m
Thermal GSD	33.5 cm per pixel at 120 m
Panchro & Pansharpened GSD	2.49 cm per pixel at 120 m
Capture Rate	2 capture per second raw DNG*
Interfaces	3 configurable GPIO: select from trigger input, PPS input, PPS output, and top of frame signals. Host virtual button. USB 2.0 port for WiFi. Serial. 10/100/1000 Ethernet. CFexpress for storage
Field of View	50° HFOV x 38° VFOV (multispectral) 46° HFOV x 35° VFOV (panchromatic) 48o x 39o (thermal)
Storage	CFexpress Card

* RGB output with appropriate post-processing

*Specifications are subject to change without notice