

# Altum-PT<sup>TM</sup>

Altum-PT Sensor Specifications	
Weight	577 g (20.35 oz.) Altum-PT + WI-Fi + CF Express Card + DLS2 & Cables
Dimensions	11.0 x 8.0 x 6.9 cm (4.3in x 3.1in x 2.7in)
External Power	7.0 V - 25.2 V
Power Input	5.5/7.0/10W (standby, average, peak)
Spectral Bands	Blue (475 nm center, 32 nm bandwidth) Green (560 nm center, 27 nm bandwidth) Red (668 nm center, 14 nm bandwidth) Red Edge (717 nm center, 12 nm bandwidth) Near-IR (842 nm center, 57 nm bandwidth)
Thermal	FLIR LWIR thermal infrared 7.5 -13.5um radiometrically calibrated
Sensor Resolution	2064 x 1544 (3.2MP per MS band) 4112 x 3008 (12MP panchromatic band) 320 x 256 thermal infrared
Multispec GSD @ 120m (per multispec band)	5.28 cm per pixel
Panchro & Pansharpened GSD @120m	2.49 cm per pixel
Thermal GSD @120m	33.5 cm per pixel
Capture Rate (All bands, RAW, DNG format)	2 capture per second raw DNG
Field of View	50° HFOV x 38° VFOV (MS) 46° HFOV x 35° VFOV (PAN)
Storage	CFexpress Card
IP Rating	IP4X
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. CF Express for storage.