

RedEdge-P™

	RedEdge-P Sensor Specifications
Weight	350 g (12.3 oz.) (RedEdge-P + DLS 2)
Dimensions	8.9 x 7.0 x 6.7 cm (3.5in x 2.8in x 2.6in)
External Power	7.0 V - 25.2 V
Power Input	5.5/7.0/10W (standby, average, peak)
Sensor Resolution	1456 x 1088 (1.6MP per MS band) 2464 x 2056 (5.1MP panchromatic band)
Spectral Bands	Blue, green, red, red edge, near-IR (global shutter, narrowband)
Wavelength (nm)	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)
RGB Color Output	5.1 MP (global shutter, aligned with all bands) *with appropriate post-processing
Ground Sample Distance (GSD)	7.7 cm per pixel (per MS band) at 120m (~400 ft) AGL 3.98 cm per pixel (panchromatic band) at 120m (~400 ft) AGL
Capture Rate	Up to 3 captures 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. CF Express for storage
Field of View	50° HFOV x 38° VFOV (MS) 44° HFOV x 38° VFOV (PAN)
Storage	CFexpress Card

NOTE: Specifications may change without notice.