

# RedEdge-P™

## \*\*SPECIFICATIONS

<b>WEIGHT</b>	350 g (12.3 oz.) RedEdge-P + DLS 2
<b>DIMENSIONS</b>	8.9 x 7.0 x 6.7 cm (3.5in x 2.8in x 2.6in)
<b>RGB OUTPUT*</b>	5.1 MP (global shutter, aligned with all bands)
<b>SENSOR RESOLUTION</b>	1456 x 1088 (1.6MP per MS band) 2464 x 2056 (5.1MP panchromatic band)
<b>GROUND SAMPLE DISTANCE</b>	8 cm per pixel (per MS band) at 120m (~400 ft) AGL 4 cm per pixel (panchromatic band) at 120m (~400 ft) AGL
<b>FIELD OF VIEW</b>	50° HFOV x 38° VFOV (MS) 44° HFOV x 38° VFOV (PAN)
<b>EXTERNAL POWER</b>	7.0 V - 25.2 V
<b>POWER INPUT</b>	5.5/7.0/10W (standby, average, peak)
<b>IP RATING</b>	IP4X
<b>CAPTURE RATE</b>	Three captures per second raw DNG
<b>STORAGE</b>	CFexpress card
<b>INTERFACES</b>	Three 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
<b>SPECTRAL BANDS</b>	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)
<b>KIT CONTENTS</b>	<ul style="list-style-type: none"><li>• RedEdge-P sensor</li><li>• Lens cover</li><li>• Calibrated reflectance panel</li><li>• DLS 2 light sensor with integrated GPS</li><li>• RedEdge-P and DLS 2 cables</li><li>• Mounting screws</li><li>• Hard carrying case</li><li>• CFexpress card reader</li></ul>

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