

## SENSOR COMPARISON

	Professional Kits (Sensor + DLS2)			DJI SkyPort Kits (Sensor + SkyPort adapter + DLS2)	
	RedEdge-MX	RedEdge-P	Dual Camera System	RedEdge-MX	RedEdge-P
<b>Weight</b>	231.9 g RedEdge-MX + DLS 2	350 g RedEdge-P + DLS 2	508.8 g Two sensors + Mount plate + DLS2 + Cable	294.4g Sensor + SkyPort adapter + DLS2	440 g Sensor + SkyPort adapter + DLS2
<b>Dimensions</b>	8.7cm x 5.9cm x 4.54cm (3.4in x 2.3in x 1.8in)	8.9 x 7.0 x 6.7 cm (3.5in x 2.8in x 2.6in)	8.7cm x 12.3cm x 7.6cm (3.4in x 4.8in x 3.0in)	8.7cm x 5.9cm x 4.54cm (3.4in x 2.3in x 1.8in)	8.9 x 7.0 x 11.0cm (3.5in x 2.8in x 4.3in)
<b>External Power</b>	4.2 V - 15.8 V	7.0 V - 25.2 V	4.2 V DC - 15.8 V DC Provided through Dual Camera Mount	Provided by SkyPort adapter	Provided by SkyPort adapter
<b>Power Input</b>	4.0/8.0W (nominal, peak)	5.5/7.0/10W (standby, average, peak)	8.0/16.0W (nominal peak) Provided through Dual Camera Mount	Provided by SkyPort adapter	Provided by SkyPort adapter
<b>Spectral Bands</b>	Blue 475(32), Green 560(27), Red 668(14), Red Edge 717(12), NIR 842(57)	Blue 475(32), Green 560(27), Red 668(14), Red Edge 717(12), NIR 842(57)	Coastal Blue 444(28)*, Blue 475(32), Green 531(14)*, Green 560(27), Red 650(16)*, Red 668(14), Red Edge 705(10)*, Red Edge 717(12), Red Edge 740(18)*, NIR 842(57)	Blue 475(32), Green 560(27), Red 668(14), Red Edge 717(12), NIR 842(57)	Blue 475(32), Green 560(27), Red 668(14), Red Edge 717(12), NIR 842(57)
<b>RGB Output</b>	3.6 MP (global shutter, aligned with all bands)	5.1 MP (global shutter, aligned with all bands) *with appropriate post-processing	3.6 MP (global shutter, aligned with all bands)	3.6 MP (global shutter, aligned with all bands)	5.1 MP (global shutter, aligned with all bands) *with appropriate post-processing
<b>Sensor Resolution</b>	1280 x 960 (1.2 MP per EO band)	1456 x 1088 (1.6MP per MS band) 2464 x 2056 (5.1MP panchromatic band)	1280 x 960 (1.2 MP per EO band)	1280 x 960 (1.2 MP per EO band)	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 band) at 120m (~400 ft) AGL	7.7 cm per pixel (per MS band), 3.98 cm per pixel (Panchro), at 120 m (~400 ft) AGL	8 cm per pixel (per band) at 120 m (~400 ft) AGL	8 cm per pixel (per band) at 120m (~400 ft) AGL	7.7 cm per pixel (per MS band), 3.98 cm per pixel (Panchro), at 120 m (~400 ft) AGL
<b>Capture Rate</b>	One capture per second (all bands), 12-bit RAW	Up to three captures per second raw DNG	One capture per second (all bands), 12-bit RAW	One capture per second (all bands), 12-bit RAW	Up to three captures per second raw DNG
<b>Interfaces</b>	Serial, 10/100/1000 ethernet, removable Wi-Fi, external trigger, GPS, SDHC	3 GPIO: Trigger input, top of frame out, 1 PPS out, host button. USB 2.0 port for WiFi, serial, 10/100/1000 ethernet, and CF Express Storage.	Serial, 10/100/1000 ethernet, removable Wi-Fi, external trigger, GPS, SDHC	Provided by SkyPort: Serial, 10/100/1000 BT Ethernet, External Trigger	Provided by SkyPort adapter
<b>Field of View</b>	47° HFOV (multispectral)	50° HFOV x 38° VFOV (MS) 44° HFOV x 38° VFOV (PAN)	47° HFOV (multispectral)	47° HFOV (multispectral)	50° HFOV x 38° VFOV (MS) 44° HFOV x 38° VFOV (PAN)
<b>Storage</b>	SD Card	CFexpress Card	SD Card	SD Card	CFexpress Card

\*Specifications are subject to change without notice

\*Capture rates vary based on write speed of USB storage device

\*Denotes RedEdge-MX Blue bands