

More precision with standard sensors

Sony Alpha 6000 (ILCE-6000)



Sensor and resolution	APS-C (23.5 x 15.6 mm) with 24.3 MP
Lens mount	Sony E-mount
ISO	100 to 25,600
Focus	Fast Hybrid AF
Shutterspeed	1/4,000 to 30 sec
Size	120 x 66.9 x 45.1 mm
Weight	344 g (incl. battery)
Interfaces	Multiinterface connector
UAV applications	Mapping, inspection

Sony Alpha 7R (ILCE-7R)



Sensor and resolution	35 mm CMOS (35.9 x 24 mm) with 36.4 MP
Lens mount	Sony E-mount
ISO	100 to 25,600
Focus	Contrast-detection AF
Shutterspeed	1/8,000 to 30 sec
Size	126.9 x 94.4 x 48.2 mm
Weight	465 g (incl. battery)
Interfaces	Multiinterface connector
UAV applications	Mapping, inspection, aerial photography

Lenses



16 – 50 mm Zoom (For Sony Alpha 6000) – SELP1650
20 mm Pancake (recommended for Sony Alpha 6000) – SEL20F28
35 mm Zeiss – SEL35F28Z
55 mm Zeiss – SEL55F18Z

Thermal sensor with RGB camera

Workswell WIRIS 640



Resolution thermal	640 x 512 pixels
Resolution RGB	1,600 x 1,200 pixels
Temperature range	-25°C – 150°C and -40°C – 550°C
Temperature sensitivity	0.05°C
Accuracy	+/- 2°C
Spectral range	7,500 - 13,500 nm
Lenses (optional)	7.5 mm, 9 mm, 13 mm, 19 mm
Size	139 x 84 x 69 mm
Weight	395 g
Interfaces	HDMI, USB
GPS	GPS and RTK/GNSS with Aibot HP GNSS 2
Storage	32 GB memory
Features	Zoom (thermal and RGB), video, single im- age (thermal and RGB), spot detection, including software CorePlayer and ThermoFormat for post processing

Multispectral sensor with RGB camera

MicaSense Sequoia



Resolution multispectral	1.2 MP, 4 spectral cameras, 10 bits
Resolution RGB	16 MP
Spectral range	~550 - 790 nm
Size camera	59 x 41 x 21 mm
Weight (incl. sunshine sensor)	107 g
Interfaces	WiFi, USB
GPS	Included, direct georeferencing
Storage	64 GB, removeable SD-card
Specials	IMU, magnetometer

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