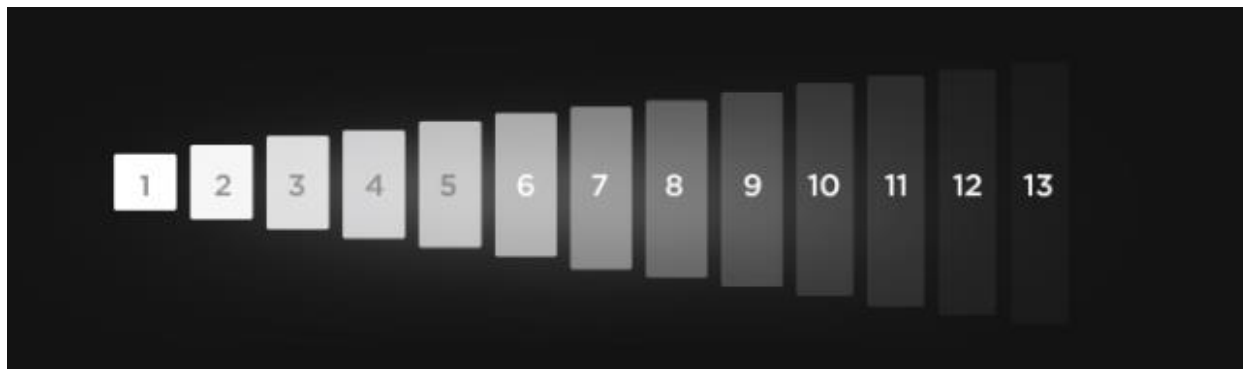


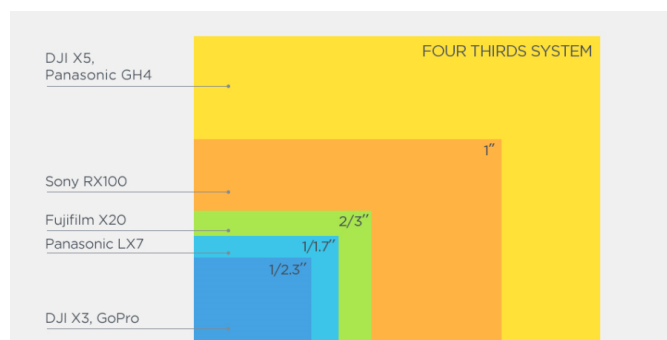
INCREASED DYNAMIC RANGE

With 12.8 stops of dynamic range, shadows and highlights in everything you capture is brought out in perfect clarity.



REVOLUTIONARY SENSOR

Built inside the ZENMUSE X5 Series are a powerful Micro Four Thirds sensor that's absolutely revolutionary for an aerial camera. With a sensor eight times the size of that in the previous X3 camera included with the Inspire 1, this new MFT sensor enables high quality, high sensitivity image recording at an ISO range of 100-25600. With a sophisticated balance of high-resolving power, accurate gradation, and low noise, you are realizing your artistic and creative vision as never before.



BUILT FOR THE SKY

To create the first fully integrated, professional aerial imaging system, the ZENMUSE X5 Series were engineered and designed from the very beginning to be perfectly compatible with the Inspire 1, DJI's most advanced quadcopter. With 360 degree camera movement and dual controller support, the Inspire 1 is the favorite ready-to-fly aerial platform for enthusiasts and professionals worldwide. Now, with a simple installation procedure, you can upgrade the camera on your Inspire 1 to the ZENMUSE X5 Series, vastly increasing its imaging capabilities while retaining its ease of use and reliability.



COMPLETE CONTROL

With the ZENMUSE X5 Series, you have an unprecedented level of control right at your fingertips. In the intuitive auto-focus mode, you can tell the camera to focus on a specific area by simply tapping on the screen of your mobile device, as easy as using the camera on a smartphone. Manual/Auto focus, shutter, white balance and aperture control are also available, giving you unlimited freedom to create any kind of shot you want. With the ZENMUSE X5 Series, you are in complete control.



PROFESSIONAL AERIAL VIDEO

Despite its compact size, the ZENMUSE X5 is a powerful video camera that's capable of recording 4K (3840 x 2160) at up to 30 fps, and 1080P HD (1920 x 1080) at up to 60 fps in MP4/MOV format. The ZENMUSE X5 enables you to record professional-level footage with stunning clarity and detail. A higher speed signal readout suppresses the rolling shutter effect when recording, resulting in beautiful footage even when flying at high speeds. The ZENMUSE X5 also comes equipped with convenient features such as Zebra Pattern, making it a camera that's truly fit for any job.



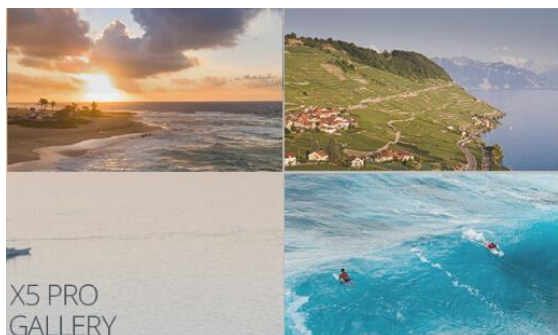
RAW POWER

With the ZENMUSE X5R, DJI has brought the power of RAW to a dedicated aerial camera for the first time. Capable of recording 4K (3840 x 2160) videos in RAW at up to 30fps, the ZENMUSE X5R gives you the ability to capture every video with all of its original data intact, giving you complete control to edit every single frame in post as a RAW file. Coupled with a maximum bitrate of an astonishing 2.4Gbps, the 4K videos recorded by the ZENMUSE X5R will amaze you with a level of detail and clarity that's absolutely unmatched by any other aerial camera.



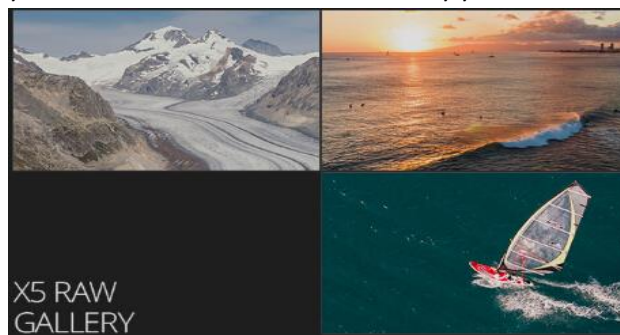
CAPTURE MEMORIES

With a MFT sensor that's capable of capturing photos at 16MP, the ZENMUSE X5 produces print-ready images that look as good in a frame as they do on your screen. The extra pixels represent a 25% increase over the original Inspire 1 camera. With the shutter speed increased to as quick as 1/8000 of a second, and the power of the new imaging processor enabling burst capture of up to 7 full size photos per second, the ZENMUSE X5 helps you relish every memorable moment.



BRILLIANT PHOTOGRAPHS

Thanks to its large MFT sensor, the ZENMUSE X5R is capable of producing print-ready 16 MP still frames with an incredible amount of details. With high quality, high sensitivity image recording capabilities, the ZENMUSE X5R captures photographs, in both JPEG and RAW, that will meet the highest of standards. The extra pixels (25% increase over the original Inspire 1 camera) not only provide you with more detailed images, but also more room to work with in post-processing. P/S/A/M shooting modes are all available, providing you with the freedom to shoot the way you want.



UNPARALLELED STABILIZATION

Thanks to DJI's unparalleled expertise in stabilization systems, the ZENMUSE X5 Series are equipped with a reliable 3-axis gimbal that automatically stabilize your camera in flight. The gimbal constantly communicates with the aircraft, and quickly compensates for every minor movement. As a result, the ZENMUSE X5 Series produce silky smooth footage and sharp photos even with long exposure no matter how you fly.

INTERCHANGEABLE LENS MOUNT

As the world's first Micro Four Thirds camera made specifically for aerial photography and videography, the ZENMUSE X5 Series give you the freedom to choose your lens. By utilizing the standard MFT mount, one of the most popular lens systems in the camera industry, the ZENMUSE X5 Series are well positioned to benefit from new products and innovations from major lens manufacturers.



DJI GO APP

Control the ZENMUSE X5 Series remotely with the same DJI GO app that is used with the Inspire 1. With a live HD view powered by DJI Lightbridge, you see exactly what the camera is capturing and can adjust every setting on the fly.

- One-tap auto focus, or precise manual focus pulling
- Full 360 degree camera control
- Manual settings including aperture, white balance, shutter speed, and more
- Ability to upload or livestream your flights to YouTube
- All at a range of over 1 mile

COMPACT AND DURABLE

The pinnacle of DJI's industrial engineering capabilities, the ZENMUSE X5 Series are precisely manufactured with high-grade magnesium alloys, enabling it to withstand heavy field use. Compact and lightweight to enable easy transportation and long flight times, the ZENMUSE X5 Series are ready to come with you on every shoot.

PRECISE FOCUS CONTROL

As you fly, focus can be remotely adjusted using the GO app or the DJI Focus system. Simply plug this new follow focus into the remote to have an accurate, familiar physical focus ring that controls the way your shots look.



ZENMUSE X5 Specifications

General	
Name	ZENMUSE X5
Dimensions	120mm (W) x 135mm (H) x 140mm (D)
Weight (Standard Lens, Balancing Ring, Lens Hood, Micro SD Card Included)	526g
Static Output Power	8 W
Peak Output Power	13W
Operating Temperature	32° to 104° F (0° to 40° C)
Camera	
Lens	Replaceable lens M43 mount supporting auto-focus
Supported Lenses	DJI MFT 15mm f/1.7 ASPH (Default) Panasonic Lumix 15mm f/1.7 Olympus M. ED 12mm f/2.0
Sensor	4/3-inch CMOS sensor
Effective Pixels	16 M
Max Resolution	4608x3456
ISO Range	100 to 25600
Electronic Shutter Speed	8 to 1/8000 s
Field of View (FOV)	15mm/ f1.7 : 72° 12mm/ f2.0 : 84°
Still Photography Modes	Single shot Burst shooting: 3/5/7 frames Auto Exposure Bracketing: 3/5 bracketed frames at 0.7EV bias Time-lapse (3/5/7/10/20/30/60 sec)
Video Resolution	UHD: 4096×2160 (24/25p); 3840×2160 (25/30p) FHD: 1920×1080 (24/25/30/48/50/60p)
Max Video Bitrate	60 Mbps
Supported File Formats	FAT32 / exFAT Photo: JPEG, DNG Video: MP4, MOV (MPEG-4/AVC/H.264F)
Supported Storage Devices	Class 10 or UHS-1 or above Micro SD cards Max capacity of 64 GB
Default Lens	
Name	DJI MFT 15mm f/1.7 ASPH
Focal length	f=15 mm (35 mm film camera equivalent: 30 mm)
Aperture type	7 diaphragm blades/circular aperture diaphragm
Maximum aperture	F1.7

Minimum aperture value	F16
Lens construction	9 elements in 7 groups (3 aspherical lenses)
In focus distance	0.2 m to ∞ (from the focus distance reference line)
Mount	Micro 4/3
Field of View (FOV)	72°
Max. diameter	Approx. 57.5 mm
Overall length	Approx. 36 mm
Mass	Approx. 115 g
Gimbal	
Angular Vibration Range	±0.02°
Mount	Detachable
Controllable Range	Pitch: -90° to +30° Pan: ±320°
Max Controllable Speed	Pitch: 120°/s Pan: 180°/s

ZENMUSE X5R Specifications

General	
Name	ZENMUSE X5R
Dimensions	136mm (W) x 125mm (H) x 131mm (D)
Weight (Standard Lens, Balancing Ring, Lens Hood, Micro SD Card Included)	583g
Static Output Power	19.5W
Peak Output Power	25W
Operating Temperature	32° to 104° F (0° to 40° C)
Camera	
Lens	Replaceable lens M43 mount supporting auto-focus
Supported Lenses	DJI MFT 15mm f/1.7 ASPH (Default) Panasonic Lumix 15mm f/1.7 Olympus M. ED 12mm f/2.0
Sensor	4/3-inch CMOS sensor
Effective Pixels	16 M
Max Resolution	4608x3456
ISO Range	100 to 25600
Electronic Shutter Speed	8 to 1/8000 s
Field of View	15mm/ f1.7: 72° 12mm/ f2.0: 84°
Still Photography Modes	Single shot Burst shooting: 3/5/7 frames

	Auto Exposure Bracketing: 3/5 bracketed frames at 0.7EV bias Time-lapse (3/5/7/10/20/30/60 sec)
Video Resolution	UHD: 4096×2160 (24/25p); 3840×2160 (25/30p) FHD: 1920×1080 (24/25/30/48/50/60p)
Max Video Bitrate	2.4Gbps (Average: 1.7 Gbps)
Supported File Formats	FAT32 / exFAT Photo: JPEG, DNG Video: MP4, MOV (MPEG-4/AVC/H.264F), JPEG-Lossless(RAW)
Supported Storage Devices	Class 10 or UHS-1 or above Micro SD cards SSD 512GB (RAW) Max capacity of 576 GB
Default Lens	
Name	DJI MFT 15mm f/1.7 ASPH
Focal length	f=15 mm (35 mm film camera equivalent: 30 mm)
Aperture type	7 diaphragm blades/circular aperture diaphragm
Maximum aperture	F1.7
Minimum aperture value	F16
Lens construction	9 elements in 7 groups (3 aspherical lenses)
In focus distance	0.2 m to ∞ (from the focus distance reference line)
Mount	Micro 4/3
Field of View(FOV)	72°
Max. diameter	Approx. 57.5 mm
Overall length	Approx. 36 mm
Mass	Approx. 115 g
Gimbal	
Angular Vibration Range	±0.02°
Mount	Detachable
Controllable Range	Pitch: -90° to +30° Pan: ±320°
Max Controllable Speed	Pitch: 120°/s Pan: 180°/s

ZENMUSE X5 Series Cameras Specification Comparison

				
Camera		X3	ZENMUSE X5	ZENMUSE X5R

Sensor	Size	6.17 x 4.55 mm	17.3 x 13.0 mm (4:3 Aspect Ratio)	17.3 x 13.0 mm (4:3 Aspect Ratio)
	Type	CMOS	CMOS	CMOS
	Effective Pixels	12.4M	16.0M	16.0M
	ISO Range	100~3200	100~25600	100~25600
Lens	Optics	20mm (35mm format equivalent)f/2.8 focus at ∞	User Selectable (default DJI MFT 15mm F/1.7 ASPH)	User Selectable (default DJI MFT 15mm F/1.7 ASPH)
	Iris	F/2.8	F/1.7-F/16 (default DJI lens)	F/1.7-F/16 (default DJI lens)
	Diagonal FOV	94 degree	72 degree (default DJI lens)	72 degree (default DJI lens)
	Equivalent	20mm	30mm (default DJI lens)	30mm (default DJI lens)
	Distortion	0.90%	0.40%	0.40%
	Focus Range	Infinite	20cm-infinite (default DJI lens)	20cm-infinite (default DJI lens)
	Auto-focus	N/A	Support (default DJI lens)	Support (default DJI lens)
Still	Max-pixels	12.4M	16.0M	16.0M
	Burst Shooting	Full pixels 7fps	Full pixels 7fps	Full pixels 7fps
	Shutter Speed	8~1/8000 sec	8~1/8000 sec	8~1/8000 sec
	EV Range	-3~+3, 1/3	-3~+3, 1/3	-3~+3, 1/3
	AEB	Support	Support	Support
	Interval	Support	Support	Support
	Time Lapsed	Support, 3/5/7/10/20/30 sec	Support, 3/5/7/10/20/30/60 sec	Support, 3/5/7/10/20/30/60 sec
	DNG	Support	Support	Support
Video	Resolution	4096x2160(25/24P), 3840x2160(30/25P), 1920x1080(60/50/48/30/25/24P) 1280x720(60/50/48/30/25/24P)	4096x2160(23.98p), 3840x2160(29.97/23.98p), 2704x1520(30/25P), 1920x1080(59.94/29.97p)	4096x2160(23.98p) , 3840x2160(29.97/23.98p), 2704x1520(30/25P), 1920x1080(59.94/29.97p)
	Encoder	MPEG4/AVC/H.264	MPEG4/AVC/H.264	MPEG4/AVC/H.264/JPEG-Lossless(RAW)
	Max-bitrate	60Mbps@4096x2160(25/24P), 60Mbps@3840x2160(30/25P), 45Mbps@1920x1080(60/50/48/30/25/24P) 15Mbps@1280x720(60/50/48/30/25/24P)	60Mbps@4096x2160(23.98p) , 60Mbps@3840x2160(29.97/23.98p), 45Mbps@2704x1520(30/25P), 40Mbps@1920x1080(59.94), 25Mbps@1920x1080(29.97p)	Average: 1.6Gbps@4096x2160(23.98p) , 1.9Gbps@3840x2160(29.97/23.98p), 1Gbps@2704x1520(30/25P), 500Mbps@1920x1080(29.97p)
	Format	MP4/MOV	MP4/MOV	MP4/MOV/Cinema DNG (RAW)/D-LOG*
	Storage	Micro-SD Class 10	Micro-SD Class 10	Micro-SD Class 10/SSD default 512GB (RAW)
	Video NR	Support	Support	Support

	Stabilizer	Support	Support	Support
Misc.	Exposure	P/S/M	P/S/A/M	P/S/A/M/C
	AE Metering	Auto/spot metering	Auto/spot metering	Auto/spot metering
	AE Lock	Support	Support	Support
	WB	auto/default/manual	auto/manual/spot	auto/manual/spot
	Focus Mode	Focus at ∞	AFS/AFF/MF	AFS/AFF/MF
	AF modes	N/A	256-zone / Pinpoint/(Touch focus is available)	256-zone / Pinpoint/(Touch focus is available)
	AF AUX	N/A	Support	Support
	AF Lock	N/A	Yes (AF/AE LOCK button)	Yes (AF/AE LOCK button)
	Focus Peaking	N/A	Support	Support
	Zebra	Support	Support	Support
	Adjustment	Support	Support	Support
	Style	sRGB,Color looks, LOG	sRGB,Color looks, LOG, Cine-D	sRGB,Color looks, LOG, Cine-D, , D-LOG (RAW)
	Enhancement	HDR/Video DR	HDR/Video DR	HDR/Video DR
	Proxy	N/A	N/A	Selectable H.264 1080P/4K
	Software	N/A	N/A	DJI CineLight*(Mac)