



Clifton Cameras Product Specification

DJI Zenmuse Z30 Full Spec

General

Name	Zenmuse Z30
Dimensions	152x137x61 mm
Weight	556 g

Camera

Sensor	CMOS, 1/2.8" Effective Pixels: 2.13 M
Lens	30x Optical Zoom F1.6 (Wide) - F4.7 (Tele) Zoom Movement Speed: - Optical Wide – Optical Tele: 4.6 sec - Optical Wide – Digital Tele: 6.4 sec - Digital Wide – Digital Tele : 1.8 sec Focus Movement Time: ∞ - near: 1.1 sec
FOV	63.7°(Wide) - 2.3°(Tele)
Digital Zoom	6x
Min. Working Distance	10 mm - 1200 mm
Photo Formats	JPEG
Video Formats	MOV, MP4
Working Modes	Capture, Record, Playback
Still Photography Modes	Single shot, Burst shooting: 3/5 frames, Interval (2/3/4/7/10/15/20/30 sec)
Exposure Mode	Exposure Mode Auto, Manual, Shutter priority, Aperture priority
Exposure Compensation	±2.3 (1/3 increments)
Metering Mode	Center-weighted metering, Spot metering (Area option 12x8)
AE Lock	Supported
Electronic Shutter Speed	1/30 – 1/6000 s
White Balance	Auto, Sunny, Cloudy, Incandescent, Custom (2000K - 10000K)



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Video Captions	Supported
TapZoom	Supported
TapZoom Range	1-5
Defog	Supported
One Key to 1x Image	Supported
Anti-flicker	50 Hz, 60 Hz
PAL/NTSC	Supported
Supported SD Cards	MicroSD (SD / SDHC / SDXC) Max. Capacity: 64 GB, Class 10 or UHS-1
Supported File Systems	FAT32 (\leq 32 GB) exFAT ($>$ 32 GB)
Gimbal	
Angular Vibration Range	$\pm 0.01^\circ$
Mount	Detachable
Controllable Range	Pitch : $+30^\circ$ to -120° , Yaw: $\pm 320^\circ$
Mechanical Range	Pitch : $+50^\circ$ to -140° , Yaw: $\pm 330^\circ$, Roll: $+90^\circ$ to -50°
Max Controllable Speed	Pitch : $180^\circ/\text{s}$, Yaw: $180^\circ/\text{s}$
Environmental	
Operating Temperature	14° to 113° F (-10° to 45° C)
Non-Operating Temperature	-4° to 140° F (-20° to 60° C)