

SPECS

Sensor Size	1/1.3"
Aperture	F2.6
35mm Equivalent Focal Length	13mm
Video Resolution	<p>Video</p> <p>*Active HDR can be turned on or off up to 4K60fps.</p> <p>8K (16:9): 7680x4320@30/25/24fps</p> <p>8K (2.35:1): 7680x3272@30/25/24fps</p> <p>4K (4:3): 3840x2880@60/50/48/30/25/24fps</p> <p>4K (16:9): 3840x2160@120/100/60/50/48/30/25/24fps</p> <p>4K (2.35:1): 3840x1632@120/100/60/50/48/30/25/24fps</p> <p>2.7K (4:3): 2688x2016@60/50/48/30/25/24fps</p> <p>2.7K (16:9): 2688x1520@120/100/60/50/48/30/25/24fps</p> <p>1440p (4:3): 1920x1440@60/50/48/30/25/24fps</p> <p>1080p (16:9): 1920x1080@240/200/120/100/60/50/48/30/25/24fps</p> <p>PureVideo</p> <p>4K (4:3): 3840x2880@60/50/48/30/25/24fps</p> <p>4K (16:9): 3840x2160@60/50/48/30/25/24fps</p> <p>2.7K (4:3): 2688x2016@60/50/48/30/25/24fps</p> <p>2.7K (16:9): 2688x1520@60/50/48/30/25/24fps</p> <p>1440p (4:3): 1920x1440@60/50/48/30/25/24fps</p> <p>1080p (16:9): 1920x1080@60/50/48/30/25/24fps</p> <p>FreeFrame Video</p> <p>4K (4:3): 4096x3072@60/50/48/30/25/24fps</p> <p>2.7K (4:3): 2688x2016@60/50/48/30/25/24fps</p> <p>1440p (4:3): 1920x1440@60/50/48/30/25/24fps</p> <p>Slow Motion</p> <p>4K (16:9): 3840x2160@120/100fps</p> <p>2.7K (16:9): 2688x1520@120/100fps</p> <p>1080p (16:9): 1920x1080@240/200/120/100fps</p>

Photo Resolution	50MP (8192x6144) 37MP (8192x4608) 12.5MP (4096x3072) 9MP (4096x2304)
Video Format	MP4
Photo Format	JPG DNG RAW (can be exported via app or Studio)
Video Modes	Video (with built-in Active HDR), FreeFrame Video, PureVideo, Slow Motion, Starlapse, Timelapse, TimeShift, Loop Recording, Dashcam, Pre-Recording
Photo Modes	Photo, HDR Photo, Interval Photo, Burst Photo, Starlapse
Color Profiles	I-Log, Standard, Vivid, Leica Vivid, Leica Natural, Portrait, Film, Vintage, Urban, Night
Video Coding	H.264, H.265
Max. Video Bitrate	180Mbps
Exposure Value	±4EV
ISO Range	100-6400

Shutter Speed	Photo: 1/8000 - 120s Video: 1/8000 - to the limit of frames per second
White Balance	Auto, 2000-10000K
Audio Modes	Wind Reduction, Voice Enhancement, Stereo
Audio Format	48 kHz, 16-bit, AAC
Weight	177.2g (6.3oz)
Dimensions (W x H x D)	71.9x52.2x38mm (2.8x2.1x1.5in)
MicroSD Card	No built-in storage. Supports microSD cards up to 1TB.
Mics	3
Battery Capacity	1800mAh
Charging Time	47 mins (30W fast charging adapter) 75 mins (5V/3A)
Run Time	180 mins *Tested in 77°F (25°C) lab environment, 1080p24fps video with

Active HDR off in Endurance Mode. Battery life may vary under different conditions.

Operating Temperature

-4°F to 113°F (-20°C to 45°C)

Waterproof

Without Dive Case: 39ft (12m)
With Dive Case: 197ft (60m)

Bluetooth

BLE 5.2

Wi-Fi

2.4GHz, 5GHz
802.11 a/b/g/n/ac

USB

USB-C 3.0

Gyroscope

6-axis gyroscope

Color

Black

Mobile Phones/Tablets

iOS Devices:

Compatible with iOS mobile devices with chips A12 or above and iOS version 12.0 or above, including iPhone XS, iPhone XS Max, iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone 12 mini, iPhone 13, iPhone 13 Pro, iPhone 13 Pro Max, iPhone 13 mini, iPhone 14, iPhone 14 Plus, iPhone 14 Pro, iPhone 14 Pro Max, iPhone 15, iPhone 15 Plus, iPhone 15 Pro, iPhone 15 Pro Max, iPhone 16, iPhone 16 Plus, iPhone 16 Pro, iPhone 16 Pro Max, iPad Air (2020), iPad Pro and newer iPad models.

Android Devices:

Compatible with Android mobile devices that meet the following capabilities:

- Android devices with Kirin 990 and above chips, including Huawei Mate 30, P40 or newer models.
 - Android devices with Snapdragon 855 and above chips, including Samsung Galaxy S10, Xiaomi Mi 9 or newer models.
 - Android devices with Exynos 2200 and above chips, including Samsung Galaxy S22, S22 Ultra and newer models.
- (The system should be Android 10.0 or above or HarmonyOS 2.0.0 or above.)

Note:

1. Devices that do not meet the above requirements may still be able to use the app to control the camera. However, the performance of some processor-intensive and AI-powered features may be sub-optimal.
2. After testing, phones equipped with Qualcomm SDM765 5G chips have poor hardware decoding capabilities and are not supported for use, such as OPPO Reno 3 5G.
3. App installation requires a mobile phone with a 64-bit system. A 32-bit system does not support app installation.

Bluetooth Devices

Motorcycle Bluetooth Headsets:

SENA: 5R, ST1

Cardo: EDGE, SPIRIT, FREECOM 2X

ASMAX: F1, Z1

LEXINMOTO: G4

Airide: G7+

Other Bluetooth Devices:

Apple: AirPods 1, AirPods 2, AirPods 3, AirPods 4, AirPods Pro, AirPods Pro 2

Samsung: Galaxy Buds2

Huawei: FreeBuds Pro 2

Xiaomi: Redmi Buds 5 Pro

Shokz: OpenRun Pro S810

DJI: DJI Mic 2

Dual-track audio supported on all devices.