

Specs

Photo & Video

Aperture F2.85

35mm Equivalent Focal Length 14.27mm

Photo Resolution Up to 50MP
50MP: 8192x6144 (4:3)
37MP: 8192x4608 (16:9)
12MP: 4096x3072 (4:3)
9MP: 4096x2304 (16:9)

Video Resolution Highest Video Quality: 4K60fps
Highest Video Performance: 1080p@240fps

Video

*Active HDR can be turned on or off up to 4K30fps.

4K (4:3): 3840x2880@30/25/24fps

4K (16:9): 3840x2160@60/50/48/30/25/24fps

4K (2.35:1): 3840x1632@60/50/48/30/25/24fps

2.7K (4:3): 2688x2016@30/25/24fps

2.7K (16:9): 2688x1520@120/100/60/50/48/30/25/24fps

1080p (4:3): 1920x1440@30/25/24fps

1080p (16:9): 1920x1080@240/200/120/100/60/50/48/30/25/24fps

PureVideo

4K (16:9): 3840x2160@30/25/24fps
2.7K (16:9): 2688x1520@30/25/24fps
1080p (16:9): 1920x1080@30/25/24fps

FreeFrame Video

4K (4:3): 4096x3072@30/25/2fps
2.7K (4:3): 2688x2016@30/25/24fps
1440p (4:3): 1920x1440@30/25/24fps

Toddler Titan

4K (4:3): 3840x2880@30/25/24fps
4K (16:9): 3840x2160@30/25/24fps
2.7K (4:3): 2688x2016@30/25/24fps
2.7K (16:9): 2688x1520@30/25/24fps
1080p (4:3): 1920x1440@30/25/24fps
1080p (16:9): 1920x1080@30/25/24fps

TimeShift

4K (4:3): 3840x2880@30fps
2.7K (4:3): 2688x2016@30fps
4K (16:9): 3840x2160@30fps
2.7K (16:9): 2688x1520@30fps

Timelapse

4K (16:9): 3840x2160@30fps
4K (4:3): 3840x2880@30fps

Loop Recording

*Active HDR can be turned on or off up to 4K30fps.

4K (4:3): 3840x2880@30/25/24fps
4K (16:9): 3840x2160@60/50/48/30/25/24fps
2.7K (4:3): 2688x2016@30/25/24fps
2.7K (16:9): 2688x1520@60/50/48/30/25/24fps
1080p (4:3): 1920x1440@30/25/24fps
1080p (16:9): 1920x1080@60/50/48/30/25/24fps

Slow Motion

2.7K (16:9): 2688x1520 @120/100fps
1080p (16:9): 1920x1080@240/200/120/100fps

Portrait Mode

4K (4:3): 3840x2880@30/25/24fps
4K (16:9): 3840x2160@30/25/24fps
4K (2.35:1): 3840x1632@30/25/24fps
2.7K (4:3): 2688x2016@30/25/24fps
2.7K (16:9): 2688x1520@30/25/24fps
1080p (4:3): 1920x1440@30/25/24fps
1080p (16:9): 1920x1080@30/25/24fps

Photo Format

JPG
DNG (can be exported to JPG via Insta360 app or Studio)

Video Format

MP4

Photo Mode

Photo, HDR Photo, Live Photo, Interval Photo, Starlapse, Burst Photo

Video Mode

Core Recording Modes: Video, PureVideo, FreeFrame Video, Toddler Titan, TimeShift, Timelapse, Loop Recording, Slow Motion
Derivative Recording Modes: Pre-Recording, Interval Video

Color Preset

Standard, Glow, Selfie, Vivid, Film, Vintage, Urban, Night

Hardware

Weight	Standalone Camera: 52.9±0.5g Action Pod: 108.5±0.5g
Dimensions (W × H × D)	Standalone Camera: 46x45.7x18.3mm (1.8x1.8x0.7in) With Lens Guard: 46x45.7x22.4mm (1.8x1.8x0.9in) Action Pod (Touchscreen Closed): 70.4x48.8x33.3mm (2.8x1.9x1.3in) Action Pod (Touchscreen Open): 70.4x91.2x33.6mm (2.8x3.6x1.3in)
Color	Arctic White, Midnight Black
Video coding	H.264, H.265
Max. Video Bitrate	180Mbps
Gyroscope	6-axis

Compatible Devices

Compatible Devices

iOS Devices:

Compatible with iOS devices with A12 chips or above and iOS 13.0 or later, 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 models.

*To use Apple Find My to locate your GO Ultra, the latest version of iOS, iPadOS, or macOS is recommended.

Android Devices:

Compatible with Android devices that meet the following capabilities including:

- Android devices with Kirin 990 and newer chips, including Huawei Mate 30, P40 or newer models.
- Android devices with Snapdragon 855 and newer chips, including Samsung Galaxy S10, Xiaomi Mi 9 or newer models.
- Android devices with Exynos 2200 and newer chips, including Samsung Galaxy S22, S22 Ultra and newer models.

(Requires Android 10.0 or above, or HarmonyOS 2.0.0 or above. HarmonyOS NEXT is not supported)

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. 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 64-bit smartphone. A 32-bit system does not support app installation.

Bluetooth Headphones

DJI Mic Mini
DJI Mic 2
Apple AirPods 4
Apple AirPods Pro 2
Redmi Buds 5 Pro
vivo TWS 2

Other

Live Streaming Mode /

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 Auto Wind Noise Reduction (two strengths), Voice Enhancement, Stereo

Audio Format

48 kHz, 32bits, AAC

Bluetooth

BLE 5.4

Wi-Fi

Standalone Camera:
2.4GHz
802.11b/g/n/ax
5GHz
802.11a/n/ac/ax

Action Pod:
2.4GHz
802.11b/g/n/ax

USB

USB-C 2.0

Storage

microSD card required, supports up to 2TB

Battery Capacity

Standalone Camera: 500mAh

Action Pod: 1450mAh

Charging Method

Standalone Camera: via Action Pod

Action Pod: USB-C

Charging Time

Standalone Camera: 80% in 12 mins | 100% in 20 mins

Action Pod: 80% in 18 mins | 100% in 40 mins