Clifton Cameras Product Specification

Insta360 X4 8K 360 Degree Action Camera Full Spec

SENSOR SIZE

1/2"

APERTURE

F1.9

35MM EQUIVALENT FOCAL LENGTH

6.7mm

VIDEO RESOLUTION

360° Mode: 8K: 7680x3840@30/25/24fps 5.7K+: 5760x2880@30/25/24fps 5.7K: 5760x2880@60/50/30/25/24fps 4K: 3840x1920@100/60/50/30/25/24fps Single-Lens Mode: 4K: 3840x2160@60/50/30/25/24fps 2.7K: 2720x1536@60/50/30/25/24fps 1080p: 1920x1080@60/50/30/25/24fps Me Mode: 4K: 3840x2160@30/25/24fps 2.7K: 2720x1536@120/100/60/50fps 1080p: 1920x1080@120/100/60/50fps

PHOTO RESOLUTION

72MP (11904x5952) 18MP (5888x2944)

VIDEO FORMAT

Single-Lens Mode: MP4 360: INSV

PHOTO FORMAT

INSP (can export via mobile app or Studio desktop software) DNG

VIDEO MODES

Video, Active HDR, Timelapse, TimeShift, Bullet Time, Loop Recording, Pre-recording

PHOTO MODES

Photo, HDR Photo, Interval, Starlapse, Burst

COLOR PROFILES

Vivid, Standard, LOG

VIDEO CODING

H.264, H.265

MAX. VIDEO BITRATE

200Mbps

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

2000K-10000K

AUDIO MODES

· Auto Wind Reduction · Active Wind Reduction · Stereo · Direction Focus

AUDIO FORMAT

48 kHz, 16bits, AAC

WEIGHT

203g

DIMENSIONS (W X H X D)

46x123.6x37.6mm

MICROSD CARD

UHS-I V30 speed class, exFAT format SD cards with a max storage of 1TB are recommended.

MICS

4

BATTERY CAPACITY

2290mAh

CHARGING TIME

Charge to 80% in 38 minutes (9V 2A) Charge to 100% 55 minutes (9V 2A)

RUN TIME

135 mins Tested in a lab environment in Video Mode at 5.7K30fps. Run time at 8K30fps is 75 minutes.

OPERATING TEMPERATURE

-4°F to 104°F (-20°C to 40°C)

WATERPROOF

10m

BLUETOOTH

BLE 5.2

WI-FI

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

USB

Type-C USB 3.0 *Note: Only supports wired connection to Android devices (via Micro-USB or Type-C). Does not support wired connection to iOS devices. Full wireless support is available for both iOS and Android.

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 iPhoneXS, iPhoneXSMax, iPhone11, iPhone 11 Pro, iPhone 11 Pro Max, iPhone12, iPhone 12 Pro, iPhone 12 Pro Max, iPhone12 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, iPhone15 Pro, iPhone 15 Pro Max, iPad Air(2020), iPad Pro and newer iPad models. Android Devices: Compatible with Android mobile devices that meet the following capabilities, including: • 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. (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, 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: 50S, ST1, 10S Cardo: PACKTALK EDGE Airide: G7+ ASMAX: F1 Lexinmoto: G4 Vimoto: V9S+, V9X Other Bluetooth Headsets: AirPods Pro (2nd generation), AirPods (3rd and 2nd generation) Samsung Galaxy Buds2