

Insta360 ONE R

1-INCH EDITION

CO-ENGINEERED WITH



Insta360 ONE R 1-Inch Edition

Technical Data

Aperture	F3.2
35mm Equivalent Focal Length	14.4mm
Photo Resolution	5312 x 3552 (3:2) 5312 x 2988 (16:9)
Video Resolution	5312x2988@24/25/30fps, 3840x2160@24/25/30/60fps, 2720x1530@24/25/30/60fps, 1920x1080@24/25/30/60/120fps
Photo Format	jpg, RAW (dng) (RAW files require software on PC/Mac to export)
Video Format	mp4 (Flowstate stabilization can be added in post via Insta360 App, Insta360 Studio, Final Cut Pro plugin or Adobe Premiere plugin), LOG
Video Coding	H.264 / H.265
Video Modes	Standard video, Timelapse mode, TimeShift mode
Weight	158.2g
Dimensions (W x H x D)	78.7mm x 53.8mm x 47.2mm
Run Time	5.3K @30fps - 65 minutes
Video Bitrate	100 Mbps
Gyroscope	6-axis Gyroscope
Compatible Devices	Recommended devices :

iOS:

A11 or above iOS

iPhone SE, iPhone 11/11 Pro/11 Pro Max, iPhone XS/XS Max, iPhone XR, iPhone X, iPhone 8/8 Plus

Android:

Kirin 980 or above (Huawei Mate20, P30 and above)

Qualcomm Snapdragon 845 (Samsung Galaxy S9, Xiaomi Mi 8 and above)

Exynos 9810 or above (Samsung S9, S9+, Note9 and above)

* Devices that do not meet the above requirements can still use the app to control ONE R, however, some operations with high processing performance requirements such as AI supported functions and video playback, may be sub-optimal.

Photo Modes	Standard photos, HDR photos, Burst, Interval photos, Night Shot, Pure Shot
EV	±4EV
Exposure Modes	Photo Shoot: Auto, Manual (Shutter 1/8000s-120s, ISO 100-3200), Shutter Priority (1/8000s-1s), ISO Priority (100-3200) Video Shoot: Auto, Manual (Shutter 1/8000 - 1/30, ISO 100-3200)

WB	Auto, 2700K, 4000K, 5000K, 6500K
Bluetooth	BLE4.0
Wi-Fi	5G (Standard range of approximately 20 meters)
USB	Type-C
Micro SD Card	UHS-I V30 speed class, exFAT(FAT64) format SD cards with a max storage of 1T are recommended.
Battery Capacity	1190mAh
Charging Method	Type-C
Charging Time	65 mins
Use Environment	-4° F to 104° F (-20C° to 40C°)