Reviewer's Guide of HUAWEI EnVizion 360 Camera

Product Introduction

HUAWEI 360 Camera is the world's most compact & portable 360 camera that supports convenient social media sharing. With elegantly design & good compatibility, it is user-friendly, just plug, play & share 360° photos & videos anytime anywhere,
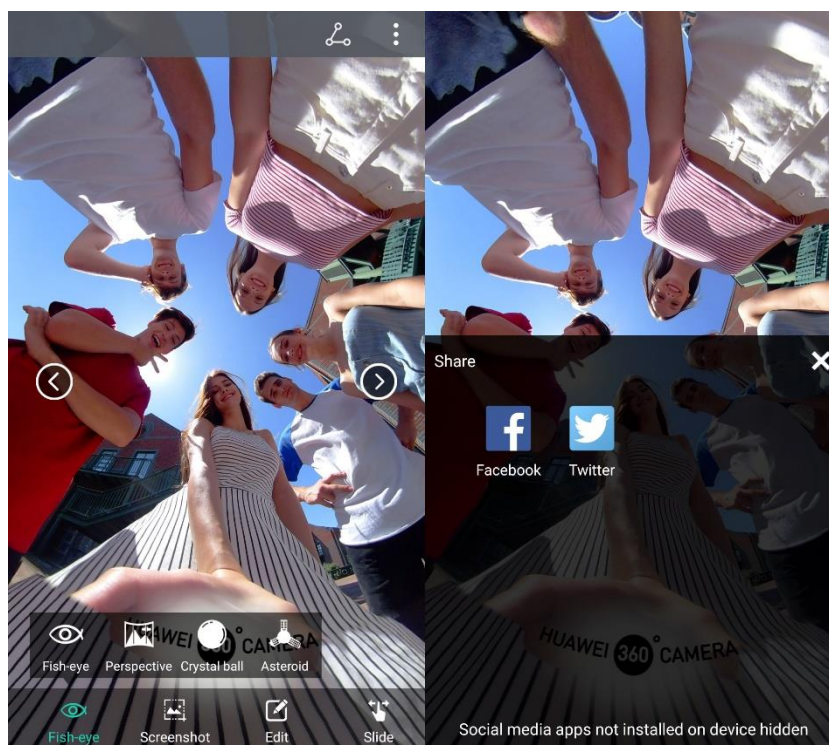

Every asteroid has its own beautiful stories before crashing into Earth and becoming a meteorite. Meteorites are often rounded by fire, and leave their beauties within. That is the best interpretation of HUAWEI EnVizion 360 Camera. Huawei 360 camera adopts symmetrical balance in design, leaves no edges or corners and extends 360° shooting experience from inside to outside, thereby bringing a harmonious & unified user experience. In addition to the beauty of balance, Huawei 360 camera is ultimate compact in size: even smaller than a car key, actually, it is the smallest 360 camera in the world that you can take
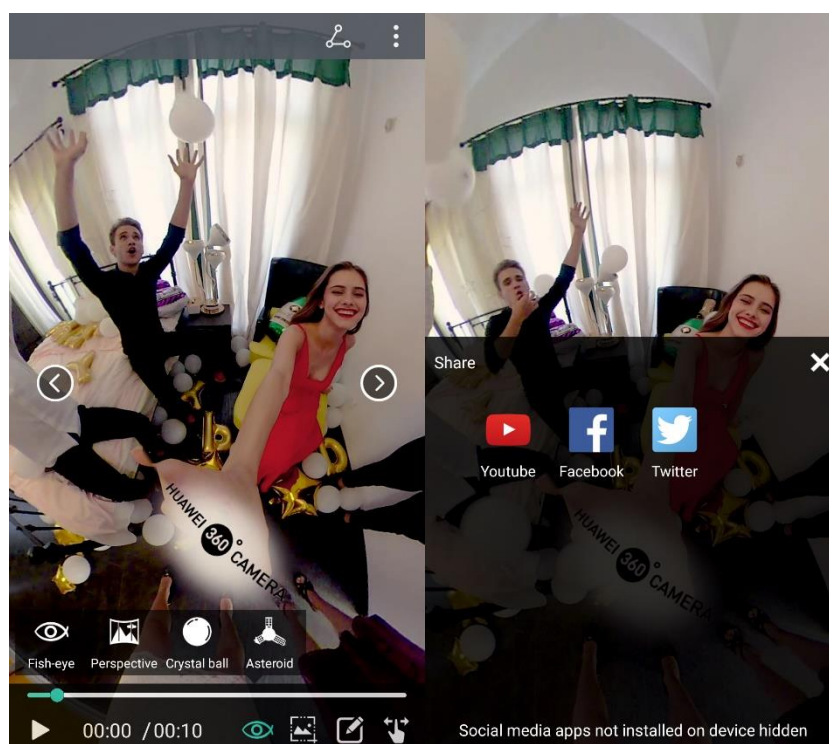
with you wherever you go.

With beautiful appearance, HUAWEI 360 Camera integrates powerful functions into a compact body. It's very easy-to-use: After installing HUAWEI 360 Camera App on a smartphone with USB Type-C port, just plug the HUAWEI 360 Camera into the smartphone, the App will be activated automatically, then you can start creating photos & videos with a simple click. With dual 13MP cameras, it can take 5K photos & 2K videos at 30fps, recording your wonderful moments in high-quality images & with more details. Moreover, both photos & videos can be viewed in many interesting modes: panorama, fisheye, planet, 360 panorama, snapshot, & gif, etc. thereby brightening your life & unleashing your creativities!

How to share your stunning photos & videos with friends? With HUAWEI 360 Camera, it's just 1 click away. Facebook, Twitter, YouTube and other mainstream social media platforms, you are the photography superstar!

View, edit & share 360° photos, all in 1 click

View, edit & share 360° videos, all in 1 click

With excellent design, powerful functions and convenient sharing, HUAWEI 360 Camera is not just a common camera, but your life & travel companion, which you can use to create & share 360° photos & videos as you wish!
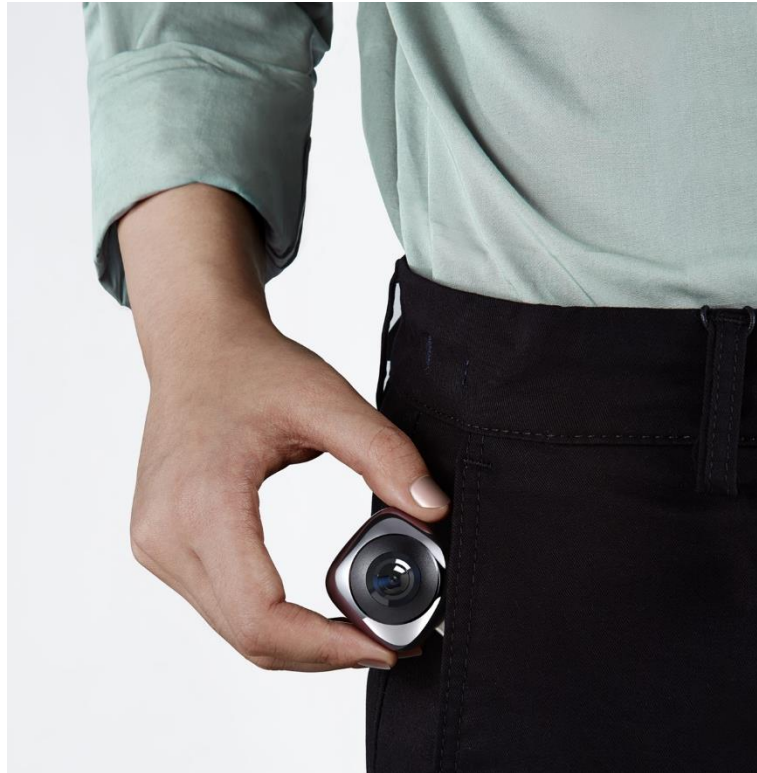
360° Photos & Videos:

Shoot 360° photos & videos in 1 click, miss no angles, view all surroundings & bring immersive experience; dual 13MP high resolution cameras with F1.8 large aperture & FOV 210° wide angle, capture more details by shooting 5K (5376*2688px) photos; record FHD videos in 2K (1920*960px) @ 30 FPS; with up to 10s timer and a tripod, you can release your hands and shoot more creative photos & videos; various view modes: panorama, fisheye, planet, 360 panorama, snapshot, & gif; view with finger swipe, gyroscope or VR headsets.

Plug, Play & Share:

HUAWEI 360 Camera uses OTG power supply, USB Type-C port & smartphone storage; once connected into a smartphone with HUAWEI 360 Camera App installed, the App will be activated automatically; shoot photos or videos & share them to mainstream social media platforms (Facebook, Twitter, YouTube & Line, etc.) all in 1 click, very user-friendly.

Create VR Freely:

As the world's smallest 360 camera, HUAWEI 360 Camera integrates all powerful functions into a compact body: 36.8mm*37mm*26mm in size and 30g in weight. Even smaller than a car key, it can accompany you wherever you go, thereby allowing you to create and share VR photos & videos anytime anywhere.

Symmetrical Balance Design:

Every asteroid has its own beautiful stories before crashing into Earth and becoming a meteorite. Meteorites are often rounded by fire, and leave their beauties within. That is the best interpretation of HUAWEI EnVizion 360 Camera. Huawei 360 camera adopts

symmetrical balance in design, leaves no edges or corners and extends 360° shooting experience from inside to outside, thereby bringing a harmonious & unified user experience. Crystal bright PVD coating surface refracts the beauty of each light and captures the details of all surroundings.

Basic Specifications

Size & weight: 36.8mm * 37mm * 26mm，30g

Camera: Dual 13MP, FOV 210°，F1.8

Image quality: 5376*2688 photo, 1920*960/30fps FHD video
Power & storage: Smartphone OTG power supply, USB Type-C port connection, Smartphone storage
Color options: Gray, Blue, Pink, White

Technical Specifications

Product Specifications		
Specification	Specification	Definition
Lens parameters	Number of lenses	2
	FOV	≥ 185°
	Zoom type	Focus
	Working F/#	is or better than: F2.1
CMOS Sensor:	Camera pixel	is or better than: 13 MP
Camera parameters	Panoramic coverage	360 x 360
	Still image resolution (max)	5376 x 2688
	Panoramic video specifications	1920 x 960/30 FPS, 1280 x 640/30 FPS
	ISO	100 - 1,600
	Shutter speed	1. Manual mode: switches between 1/6,400 second and 30 seconds 2. 1/6 ,400 second and 1/8 second for other modes

	Operating temperature range	0 - 40° C
	Storage temperature range	-20° C - 60° C
	Operating humidity range	≤ 90%
	Maximum temperature rise on the outer surface	Δ35° C
	Maximum continuous operating current	≤ 600 mA
	Maximum transient operating current	1. When the phone's battery power is greater than 15%, camera startup, picture taking, and video recording will not cause the phone's power system to reset and jitter. 2. The startup current of the camera is strictly controlled. Current restriction will not be triggered by the transient current of the camera.
	Power supply range	4.2 - 5.8 V.DC
	Preview delay	≤ 500 ms
	Total Weight	Approximately 30 g
Power supply	USB OTG	Mobile OTG power supply
Port	USB	USB Type-C USB2.0
App functional requirements	Operating system	Android 6.0 or later
	Panorama picture and video browsing	1. Supports perspective, fisheye, asteroid, and crystal ball display modes. 2. Support gyroscope, VR, and drag-to-view viewing modes.
	Image storage format	1.JPEG DCF2.0 compatible 2.GIF file resolution: 600 x 300
	Video storage format	MP4 (MPEG-4 AVC / H.264, audio: AAC)
	Watermark and product name	Supports pictures and videos
	Filters	Supports Filters

	Social sharing	WeChat, Weibo, QQ, Facebook, YouTube, Twitter, Line…panorama pictures and videos sharing