



FULL & SEAMLESS  
**360°**  
"PAN"  
VIEW



supports 360° panned video & photo



With splashproof RF 2.4G remote control

## 360° WATERPROOF WIFI ACTION CAM

**FULL HD 1920 x960P** 360° FULL HD RECORDING & PLAYBACK WITH SOUND

360° HD video resolution quality at 30 frames per second 360° wide FOV. Also a perfect fit for Drone use !



**MOUNTS FOR ALL YOUR GEAR**

Securely mount the camera to your helmet, tripod, surfboard, drone and many more.



**RF 2.4G REMOTE CONTROL**

Control your camera recording remotely thanks to the RF remote control with IP44 gradation, even during rainy days.



**VIRTUAL REALITY 360°**

Step into an exciting virtual world and experience the ultimate video/photo playback ! Compatible with any VR glasses



**FREE EASY APP & SOFTWARE**

Free App for smartphone or tablet to remotely control and set your camera (in 8 languages): live video preview, recording, world 360°, sphere 360°, dome, explore, VR split mode, zoom, gyro, etc. **App:** For iOS & Android **Software:** converter, player and editor all-in-one! for Windows (7, 8 and 10) and Mac (OS 10.9 or higher)



**MICRO SD CARD**

Micro SD Card class 10 or higher recommended (upto 64 GB UHS-I supported)



**WIFI ACCESS**

Shoot photos/videos with your tablet or smartphone, download and directly share them online.



**2x8MP CAMERA +CMOS**

Super bright and sharp images thanks to the 2x 8 MEGA Pixel sensor's CMOS HD.



**360° 2X ANGLE LENS**

360 degree wide angle 7-layer multi-glass IR lens for a stunning and immersive crystal-clear view when taking pictures or shooting videos. Compatible and ready for virtual reality !



**DOUBLE-PROOF SMALL HOUSING WITH 2x SPHERE LENS**

Waterproof till 30m depth  
Dust and dirt resistant



Experience a brand new and captivating perspective on the world through a seamless, immersive and full 360° field of view

[www.guardo.be](http://www.guardo.be)

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# TECHNICAL SPECIFICATIONS



## GENERAL

Camera housing  
Dimensions (WxHxD) 60 x 49,4 x 32,7 mm  
Weight 105 grams – with waterproof housing: tba  
Temperature -10° ~ +50°C  
WiFi-function Built-in, B/G/N high speed (when applicable)  
Battery source rechargeable 1500mAh lithium-ion  
Charging time ~5 hours  
Standby time 5 minutes (powers off automatically to save battery)  
Use time +1 hour (wifi on), +-2 hours (wifi off) max.\*  
Battery use/time visible yes, by camera and via app  
Internal memory DDRIII 1GB, 8MB SPI (for camera use)  
External memory Micro SD Card class 10 or higher recommended (upto 64 GB UHS-I supported)  
Average recording times Depends on settings/frame rate and type SD card  
Mass storage function yes, fast data transfer  
Micro USB port Yes, for data and charging at the same time (min 1,5A)  
Microphone Built-in microphone  
Waterproof case IPX8 certified up to 30 meter with waterproof housing  
LCD Display 0,96 LCD screen  
LED Indicators Blue (recharge indication)  
Red (recording)  
Red (Wi-Fi)  
Screw Thread Yes, 1/4"  
Operating system MacOS® X 10.5 and up, Microsoft Windows®, Vista, 7, 8, 10  
OSD Languages English, Dutch, French, German, Spanish, Portuguese, Polish, Czech and Italian

## CAMERA

Image sensor 2x 8 MP CMOS True HD 360°  
Optics + Lens 2x F/2.0 f/1.1- 7 element aspherical ultra sharp glass lens + IR filter  
Focus Fixed FOV angle 360 degrees with fixed focus  
Digital Image Stabilizer Yes  
Lens distortion correction Yes  
White Balance Auto, daylight, cloudy, fluorescent or incandescent (via app)  
Exposure + Auto  
Low Light Performance Auto  
Power save ON, OFF, 1min, 3 min, 5 min  
Date/Time Yes

## VIDEO/IMAGE/AUDIO

Still image resolution 8 MP 3264 x 2448, 3008 x 1504 wide FOV, 5 MP 2592 x 1944, wide FOV  
Shutter control Electronic  
Video resolution 1920 x960p @ 30 fps, 15Mbps, ultra-wide 360° FOV by camera and via app

\* depends on settings and modes

Digital zoom Yes (via app)  
Video file format H.264 codec, .mov file format  
Photo file format jpg  
High Video Bitrate Capture Upto 15/mbps (depends on settings)  
Audio format Stereo, AAC compression with AGC

## FREE APP

Functions VR 360°, Live video preview, sphere 360°, dome, explore, VR mode split, zoom, etc. up to 15 ~20 meter (depends on surroundings)  
Compatibility All Apple devices with IOS 8 or higher  
All Android 4.4 devices or higher  
OSD languages English, Dutch, French, German, Italian, Spanish, Portuguese, Polish & Czech  
for app only

## FREE PC SOFTWARE

for Windows (7, 8 and 10) and Mac (OS 10.9 or higher)  
360°, video preview, sphere 360°, world 360°, explore, ...  
editing + rotation function  
Share on Youtube and Facebook (supports full pan view of video and photo)

## Additional information

EAN: tba  
Certifications:



## Package contents

- 360° cam with waterproof case
- with RF Remote Control
- Mounting accessories (see below)
- Built-in Battery
- Micro USB cable
- Manual

## ALL PARTS INCLUDED

### CURVED SURFACE MOUNT

With adhesive 3M VHB sticker



### FLAT SURFACE MOUNT

With adhesive 3M VHB sticker



### WATERPROOF CASING



### GORILLA TRIPOD



### CAMERA CARRY BAG



### 360° ACTION CAM DUAL LENS



### PROTECTION EVA BAG

for all parts & accessories



### RF REMOTE CONTROL



### LENS CLOTH



### TRIPOD/SCREW-THREAD ADAPTER



### MICRO USB CABLE



a-spherical mode