



with
IR remote control

Ultra small waterproof WIFI ACTION CAMERA +



FULL HD RECORDING & PLAYBACK WITH SOUND

Full HD video resolution 1080p quality (1920 x 1080p) at 30 frames per second ultra wide FOV and 720P (1280 x 720) at 60 fps (perfect for slow motion) or 30 fps wide fov.



WIFI ACCESS

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



5 MP CAMERA + CMOS

Super bright and sharp images thanks to the 5 MEGA Pixel camera with CMOS.



135° WIDE ANGLE LENS

135 degree wide angle multi-glass lens for a stunning wider crystal-clear view when taking pictures or shooting videos.



DOUBLE-PROOF SMALL HOUSING

Waterproof till 40m depth
Dust and dirt resistant



MOUNTS FOR ALL YOUR GEAR

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



IR REMOTE CONTROL

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



DASHCAM AUTO CAR MODE

Use your camera also as a Dashcam with 180° upside down recording.



FREE EASY APP

Free App for smartphone or tablet to remotely control and set your camera (in 8 languages): live video preview, recording, time lapse, slow motion, zoom, 180° upside down recording (For iOS & Android)



MICRO SD CARD + HDMI SLOT

Supports high capacity SD cards and thanks to the HDMI connection, you can play your content on your HDTV.



Excellent
performance and
packed full of
fun to capture
and share the
adrenaline!

www.guardo.be

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TECHNICAL SPECIFICATIONS



GENERAL

Camera housing	Extra-durable solid housing
Dimensions (WxHxD)	61 x 38 x 25 mm
Weight	82 grams – with waterproof housing: 175 grams
Temperature	-10° ~ +50°C
WiFi-function	Built-in, B/G/N high speed (when applicable)
Battery source	rechargeable 1000mAh lithium-ion (detachable)
Charging time	~4 hours
Standby time	5 minutes (powers off automatically to save battery)
Use time	+1 hour (wifi on), +2 hours (wifi off)
Battery use/time visible	yes, by camera and via app
Internal memory	DDRIII 1GB, 8MB SPI
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
HDMI port	Yes, V1.3
Micro USB port	Yes, for data and charging
Microphone	Built-in microphone
Waterproof case	IPX8 certified up to 40 meter with flat glass housing
LCD Display	3 digit monochrome
LED Indicators	Blue (recharge indication): Front Red (recording): Front Red (Wi-Fi): Left side
Screw Thread	Yes, 1/4"
Operating system	MacOS®X 10.5 and up, Microsoft Windows®, 2000, XP, Vista, 7, 8

CAMERA

Image sensor	5 MP CMOS True HD
Optics + Lens	F/2.8 f/3.2- 5 element aspherical ultra sharp glass lens
Focus	Fixed wide angle 135 degrees 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
Auto Dashcam Mode	Yes, automatic detection by car charger with 180° upside down recording

VIDEO/IMAGE/AUDIO

Still image resolution	8 MP 3264 x 2448, wide FOV, 5 MP 2592 x 1944, wide FOV
Shutter control	Electronic
Time lapse interval	OFF, 5, 10, 20, 30 sec, 1, 5, 10, 30 min and 1 hour (via app)
Time lapse duration	OFF, 5, 10, 15, 20, 30 min, 1 hour and unlimited (via app)
Slow motion	ON/OFF (via app)
Self Timer	OFF, 2 sec or 10 sec (via app)
Burst Photo	OFF/3/1, 5/1, 10/1 (Via App)
Video resolution	1080p @ 30 fps, 11Mbps, ultra-wide FOV 720p @ 60fps, 10Mbps, wide FOV, 720p @ 30fps, 8.5Mbps, wide FOV, by camera and via app

Digital zoom	Upto 4x (via app)
Video file format	H.264 codec, .mov file format
Photo file format	jpg
Upside down recording	ON/OFF 2 min (via app)
High Video Bitrate Capture	Upto 15/mbps (depends on settings)
Audio format	Mono, AAC compression with AGC
Frequency	50/60 Hz (via app)

APP

Functions	Live video preview, recording, time lapse, slow motion, zoom, 180° upside down recording, etc
Control Compatibility	up to 15 – 20 meter (depends on surroundings) iPhone 3GS, 4, 4S, 5, 5C, 5S (iOS 6 or higher), iPod touch 4 series (iOS 6 or higher) iPad 1, 2, 3, 4, air, mini & mini retina (iOS 6 or higher) All Android 4.x devices or higher
OSD languages for app only	English, Dutch, French, German, Italian, Spanish, Portuguese & Russian

Additional information

EAN: 54.14633.06155.3
Certifications:



Package contents

- Mini action cam with waterproof case
- Remote control with strap
- Mounting accessories (see below)
- Extra battery
- Micro USB cable
- Manual

ALL PARTS INCLUDED

CURVED SURFACE MOUNT

With adhesive 3M VHB sticker



2X

2X



UNIVERSAL VENTED HELMET MOUNT WITH STRAP



UNIVERSAL ADJUSTABLE STRAP



FLAT SURFACE MOUNT

With adhesive 3M VHB sticker



4X

2X



SURFBOARD MOUNT BASIC

With adhesive 3M 300LSE sticker



2X



SUCTION CUP MOUNT BASIC

BASIC



IR REMOTE CONTROL



ELASTIC STRAP for arm/Leg/wrist



WATERPROOF CASING



FLOATER

With adhesive 3M 300LSE sticker



MICRO USB CABLE & EXTRA BATTERY



2X

SEATPOST/HANDLEBAR/POLE MOUNT MEDIUM



UNIVERSAL HEAD STRAP MOUNT

