

LIVE IT & LOVE IT,
SHOOT IT & SHARE IT !



WITH HD DISPLAY

Ultra HD waterproof ACTION CAM 4



ULTRA HD 4K RECORDING & PLAYBACK WITH SOUND

4K video res. quality at 25 fps (3840 x 2160) wide FOV / 2.7K at 30 fps (2704 x 1524) / 1440P at 30-25-24 fps (1920 x 1440) / 1080P at 60/50/48/30/25/24 fps (1920 x 1080) and 720P at 120/60/50/30/25/24 fps (1280 x 720)



DOUBLE-PROOF SMALL HOUSING

Waterproof till 50m depth
Dust and dirt resistant



MOUNTS FOR ALL YOUR GEAR

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



WIFI ACCESS

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



2.0" HD TFT DISPLAY WITH MENU (8 languages)

Comes with a built-in crystal-clear TFT HD 5 cm display. Extremely easy to direct the cam to the perfect shooting angle. Also useful to browse and navigate through the menu (even when inside the waterproof housing) and access and adjust all settings: live video preview, recording and making photos, PIV (Picture In Video), slow motion, time lapse, zoom, 180° upside down recording, LED mode, date, stabilizer & more...



RF 2.4G REMOTE CONTROL

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



DASHCAM AUTO CAR MODE MENU

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



Sony Exmor R™ 16.3 MP CMOS SENSOR 1/2.3

Super bright, low light and sharp video & images thanks to the MEGA CMOS Pixel technology in 16:9

Exmor R™



MICRO SD CARD

Supports high capacity micro SD cards, Class 10 or higher max 64 GB UHS-I



170° WIDE ANGLE LENS

170 degree wide angle 7x IR multi-glass lens for a stunning wider crystal-clear view when taking pictures and shooting videos.



FREE EASY PRO 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 and much more. (For iOS & Android)

with splash-proof RF 2.4G remote control



Professional performance & packed full of mounts to capture and share the adrenaline!

www.guardo.be

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TECHNICAL SPECIFICATIONS



GENERAL

Camera housing	Extra-durable solid housing
Dimensions (WxHxD)	59 x 44 x 24 mm
Weight	83g (with battery) – with waterproof housing: 162g
Temperature	-10° ~ +50°C
WiFi-function	Built-in, B/G/N high speed (when applicable)
LCD Display	2.0" TFT HD Full Colour
Auto display power off	yes, after 60 sec. to save battery
Battery source	rechargeable 1200mAh lithium-ion (detachable)
Charging time	2-4 hours
Standby time	5 min. - powers off automatically to save battery
Use time	+1 hour (wifi on), +-2,5 hours (wifi off)
Battery use/time visible	yes, visible on camera display (and by app)
Internal memory	DDRIII 2GB, 16MB SPI (system use)
External memory	Micro SD Card class 10 or higher recommended (upto 64 GB UHS-I supported), not included
Average recording times	Depends on settings/frame rate and type SD card
Mass storage function	yes, fast data transfer
Micro HDMI port	Yes, V1.4 for 4K and Full HD playback on TV
Micro USB port	Yes, for data and charging at the same time
Microphone	Built-in, high quality microphone
Waterproof case	IPX8 certified up to 50 meter with flat lens housing
LED Indicators	Blue (recharge indication): Front Red (recording): Front, top and back Red (Wi-Fi): Right side
Screw Thread (optional)	Yes, ¼" by optional accessory
Operating system	MacOS® X 10.5 and up, Microsoft Windows®, 2000, Vista, 7, 8,10

CAMERA

Sony Image sensor	16.3 MP Exmor RT™ CMOS 1/2.3
Optics + Lens	F/2.5 f/3.0 – 7 element aspherical ultra sharp glass lens + IR
Focus	Fixed wide angle 170 degrees fixed focus
Digital Image Stabilizer	Yes, on/off by menu
Lens distortion correction	Yes
White Balance	Auto, daylight, cloudy, fluor H or tungsten (and by app)
Exposure + Effects	Auto Normal, B&W, sepia, vivid, natural, negative, warm, cold, red, green, & blue
Ultra Low Light Performance	Auto, daylight, cloudy, fluor H or tungsten
Auto Dashcam Mode	Yes, automatic detection by car charger with 180° upside down recording
WDR	ON/OFF
Voice	ON/OFF
Digital Zoom	ON/OFF (and by app)
PIV (Picture In Video)	ON/OFF
Low Light Mode	ON/OFF
Stabilizer	ON/OFF

VIDEO/IMAGE/AUDIO

Still image resolution	16 MP (4640 x 3480) wide FOV, 8 MP 3264 x 2448 wide FOV, 5 MP 2592 x 1944 wide FOV, 4MP 2304 x 1728 wide FOV (and by app)
Shutter control	Electronic. PIV (Picture In Video)
Time lapse interval	OFF, 0,5, 1, 3, 5, 10, 30 sec, 1 min. (and by app)
Time lapse duration	OFF and unlimited (and by app)
White Balance	Auto, daylight, cloudy, fluor H or tungsten (and by app)
Slow Motion	ON/OFF till 5, 10, 20, 30, 60 min (and by app)
Quality	Super fine, fine & normal
Metering	Center, multi & spot
Effects	Normal, B&W, sepia, vivid, natural, negative, warm, cold, red, green, & blue
Self Timer	OFF, 2, 10 sec and double (and by app)
Burst Photo	OFF/3/1, 5/1, 10/1, continuous (and by app)

Sharpness	hard, normal, soft
Video resolution	4K video res. quality at 25 fps (3840 x 2160) wide FOV / 2.7K at 30 fps (2704 x 1524) / 1440P at 30-25-24 fps (1920 x 1440) / 1080P at 60/50/48/30/25/24 fps (1920 x 1080) and 720P at 120/60/50/30/25/24 fps (1280 x 720) (and by app)
Digital zoom	Upto 4x
Image EV	Yes, selectable
Image ISO	Auto, 50, 100, 200, 400
Auto Review Image	Off, 1, 3 or 5 sec.
Date/Time Stamp	Yes, ON or OFF (and by app)
Video file format	H.264 codec, .mov file format
Photo file format	jpg
Upside down recording	ON/OFF 180° (and by app)
Seamless recording	OFF, 1 min, 3 min or 5 min
High Video Bitrate Capture:	Upto 20/mbs (depends on settings)
Light Frequency	50/60 Hz (and by app)
SSID change	yes, by app

DISPLAY

Functions & more	Live video preview, dashcam mode, 180° upside down recording, making photos, editing, zoom, slow motion, time lapse (video & photo) and much more
OSD languages	English, Dutch, French, German, Italian, Spanish, Czech and Polish

Additional information

EAN: 5414633063991
Certifications:



Package contents

- Pro action cam 4 with waterproof case
- RF Remote control with strap
- Mounting accessories (see below)
- Micro USB cable
- Extra spare battery
- Manual



INCLUDING SHOCK PROOF TRAVEL CASE !

Specially designed to fit Guardo camera 4 and accessories. With shock absorbing foam interior for worry-free traveling!

ALL ACCESSORIES INLCUDED



RF 2.4G REMOTE CONTROL

FLAT SURFACE MOUNT

With adhesive 3M VHB sticker



CURVED SURFACE MOUNT

With adhesive 3M VHB sticker



SEATPOST/HANDLEBAR/POLE MOUNT

MEDIUM



PIVOT/SIDE MOUNT



SKELETON BACK DOOR



ELASTIC STRAP

for arm/leg/wrist



PROTECTIVE COVER FRAME



2X BATTERY



LENS COVER



WATERPROOF CASING



MICRO USB CABLE

