

TG-Tracker

- Advanced Tough Performance (Waterproof to 30m**, Shockproof to 2.1m***, Crushproof to 100kg****, Freezeproof to -10°C, Dustproof)
- 4K video with ultra wide-angle lens with 204° diagonal angle of view
- Versatile shooting style and superb controls (compact body size, long angle and high angle shooting, steady grip, mount coupling, quick-action operation)
- OI.Track and OI.Share compatible
- Field Sensor System (5 Sensors - GPS, barometer, temperature sensor, compass and acceleration sensor)
- Super fast lens - aperture 2.0
- Built-in WiFi
- Powerful electrical 5-axis IS (for compensation of every kind of blurring - only applied during image processing)



The ultimate in toughness. For any challenge.

The new TG-Tracker has what it takes to hit the ground running. Literally. This camera is ready to record in the harshest environments without added protection. It is shockproof to a height of 2.1 metres***, crushproof to a weight of 100kg****, dustproof, freezeproof down to -10°C and waterproof down to 30 metres** below sea level. In addition to Olympus image quality and its wide-angle, hand-held framing flexibility, it also has another dimension that makes sure it stands out among other outdoor still and video cameras: its five sensors. Unlike products with regular geotagging, the TG-Tracker can sense acceleration, altitude or depth and temperature as well as direction of movement – in addition to latitude and longitude. This gives extreme sports enthusiasts a much fuller picture of where they were, what was happening and how they were performing at the moment any given image was captured. The TG-Tracker lets owners focus on the immediate challenge and thrill, while it is capturing all the key data. By showing images and details in context in the new Olympus Image Track App (OI.Track) – such as where a photo was taken on a realistic depth/time profile of a scuba dive – five-sensor tracking makes re-viewing and sharing extreme activities all the more fascinating, and more intense. Its ultra-wide lens captures a 204° field of view that often reveals peripheral details the owner cannot even have seen and 4K video, powered by the same TruePic VII image processor found in several high-end Olympus interchangeable-lens cameras.

Specifications

Image Sensor

Effective pixels	7.2 Megapixels
Filter array	Primary colour filter (RGB)
Type	1/2.3" CMOS

Lens

Focal length	1.58mm
Focal length (equiv. 35mm)	13.9mm
Structure	7 lenses / 7 groups
Aspherical glass elements	5
Maximum aperture	2.0
Angle of view	204°

Monitor

Monitor type	LCD
Monitor size	3.8cm / 1.5" (4:3)
Resolution	115200 dots
Brightness adjustment	+/- 2 levels
Frame assistance	Yes
Protection panel	Yes

Focusing System

Modes	Fixed focus
Standard mode	0.2m - ∞ (wide)

Light Metering

Modes	ESP light metering
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Exposure System

Modes	Auto
Shutter speed	1/2 - 1/24000s
Exposure compensation	+/- 2 EV / 1/3 steps

Sensitivity

Auto	AUTO
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White Balance

AUTO WB system	Yes
Preset values	Overcast Sunlight Underwater

Sequence Shooting

Interval shooting	Interval: 0.5s - 1min
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Image Processing

Engine	TruePic VII (4K)
Shading compensation	Yes

View Images

Modes	Single Index
Index	3 x 2 frames

View Movie

Modes	Frame by frame Fast forward Reverse playback
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Still Image Recording

DCF	Yes
EXIF	2.3
PIM	III

Movie Recording System

Recording format	MOV (H.264)
Image Stabilisation Mode	Digital 5-axis
HD Movie quality	4K 30p 1080 60p/30p 720 60p/30p
Movie quality	480 60p/30p
	Note: maximum recording time 29min or up to 4GB. When shooting 1080P/720P movies, use SDHC / SDXC class 6 or higher.
	UHS-I card is recommended for shooting 4K movies.

Movie Specialties

High-Speed Recording	720P / 480P / 240fps 720P / 480P / 120fps
Time lapse	Yes

Sound Recording System

Voice Playback	Yes
Sound recording	Yes; PCM
Internal microphone	Stereo
Speaker	Yes

Memory

Removable Media	microSD / microSDHC / microSDXC (UHS-I class supported)
Capacity	128GB

Image Size

8M	3840 x 2160
2M	1920 x 1080
1M	1280 x 720
04M	854 x 480
Aspect ratio	16:9

Menu

Menu languages in camera	English
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Tough Features

Dustproof	Yes
	* Equivalent to MIL Standard (Olympus test conditions)
	** According to IEC standard publication 529 IPX8
	*** According to Olympus test conditions
	**** According to IEC standard publication 529 IPX6
Shock resistant	2.1m (dropping from height) *
Waterproof	30m (water pressure equivalent to depth) **
Freezeproof	-10°C ***
Crushproof	100kg ****

Other Features

GPS	Yes
Electronic compass	Yes
Accelerometer	Yes
Thermometer	Yes
Manometer	Yes
Underwater Detector	Yes
Level Gauge	Yes
Self timer	Delay: 2 / 12s
LED Illuminator	Yes; (Max. 60-lumen headlight (20 Lumen=30min / 60 Lumen=1min))

Power Supply

Battery	LI-92B Lithium-Ion Battery
Internal Charging	Yes

Interface

HDMI™	Yes; Micro connector (Type D) *
USB 2.0 High Speed	Yes
Wireless connectivity	WiFi
	* "HDMI", the HDMI logo and "High-Definition Multimedia Interface" are trademarks or registered trademarks of HDMI Licensing LLC.

Exterior

Material	Mold
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Dimensions

Width	35.0mm
Height	56.5mm
Depth	93.2mm
Weight	180g (including battery and memory card)

*Equivalent to a 35mm camera

**According to IEC standard publication 529 IPX8

***Equivalent to MIL Standard (Olympus test conditions)

****According to Olympus test conditions