OLYMPUS®

Your Vision, Our Future

80 YEARS OLYMPUS CAMERAS

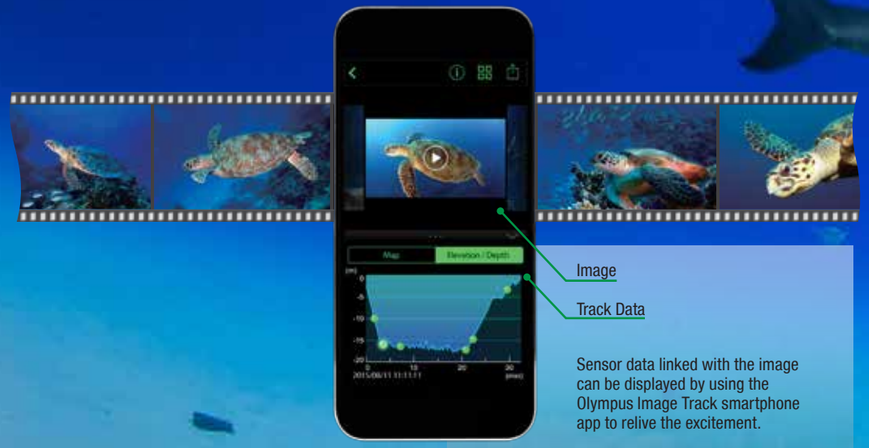
STYLUS TG-Tracker

Field Log Camera

4K Movie | WiFi | GPS | Field Sensor System | Waterproof 30m | Freezeproof | Shockproof 2.1m

Capture everything you see.
Track everything you feel.

From the extraordinary panoramic landscape before your eyes
to your adventurous trail through the great outdoors,
the Stylus TG-Tracker tracks everything you see and do.
Brilliant images combined with field log data act as detailed records
of your activities, providing you with a true feeling of accomplishment
you will want to share with others.
And, because this camera inherits the rugged DNA
of the Olympus Tough series, you know it's up for any challenge.
The Stylus TG-Tracker. Capture the full adventure.



Sensor data linked with the image can be displayed by using the Olympus Image Track smartphone app to relive the excitement.

Five field sensors record comprehensive data about your outdoor sports activities.

Ideal for the ultimate adventure, the TG-Tracker incorporates an advanced logging function that records a full array of details about your activities when you're taking pictures or shooting movies – even in extreme conditions. This data supplements the image, creating a “being-there” feeling that cannot be expressed with a photo or movie alone.

* It is also possible to record log data only. In the log mode, battery power is still used because the sensors are activated even when the camera is switched off.

GPS

Fast, accurate measurement of latitude and longitude based on the signal from a global positioning satellite (GPS, GLONASS or QZSS).

Atmospheric Pressure Sensor

Calculates altitude and water depth based on atmospheric pressure data.

Temperature Sensor

Measures air/water temperature in the field. The camera is specially designed to minimise the influence of heat generated from inside the camera.

* Temperature is recorded only in Log Mode.

Orientation Display

Orientation

Latitude, Longitude

Orientation Sensor

Senses the orientation of the lens for more accurate detection of field data.

Level Display

Time

Temperature (air/water)

Altitude/Depth

Acceleration Sensor

Senses any abrupt motions by the user such as quick acceleration or sudden stopping.

Log Display

Underwater Detector

Track Time

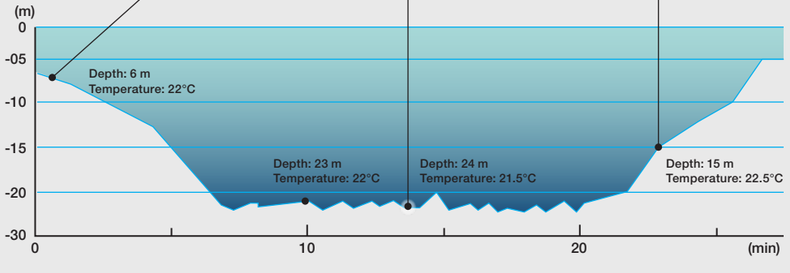
Vertical Distance

Altitude/Depth

* The image display and log display can be switched over on the camera.

Diving

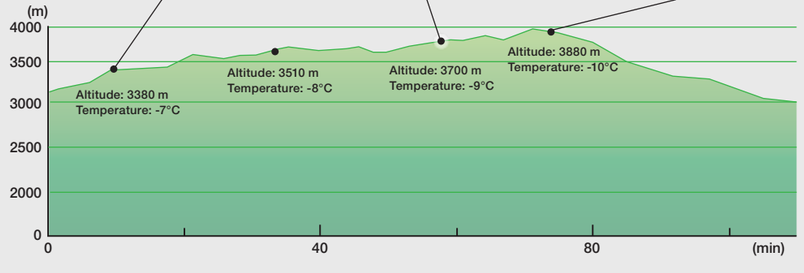
The location, the depth, the temperature.
Let your video teem with life.



With images and log data, you can record all the details of your once-in-a-lifetime underwater encounter. Capture not just a visual impression of those precious moments, but also the entire experience you had shooting. Automatic logging of water depth and temperature brings back the entire adventure.

Climbing

Capture not only the beautiful view from the summit, but every strenuous detail of the climb.

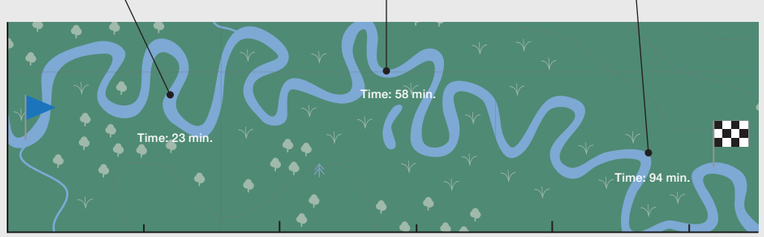


Sunrises, magnificent views, mountain peaks above clouds. The TG-Tracker can record them all, as well as the climbing route calculated from the GPS data. The log data can also be switched to altitude and vertical distance information to give you more detail about the environment photographed.

* The images, graphs and figures shown are for illustrative purposes only.
• While air temperature is recorded only in the log mode, water temperature can be recorded both in the shooting mode and log mode. Depending on actual usage conditions, temperature data may be affected by ambient heat or heat generated by the camera.

Kayaking

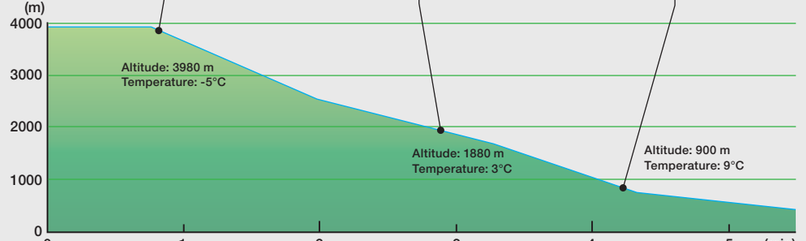
Experience the unknown.

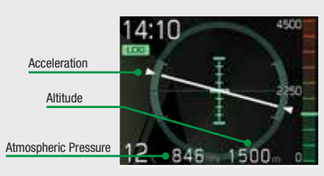


Relive the exhilaration of paddling down an endless river through unknown jungles. Offering a combination of dynamic images shot at water surface level and GPS data to track your location, the TG-Tracker immerses viewers in the experience so that they will feel as if they are taking part in your adventure.

Skydiving

There are no paths in the sky,
but a record of your journey remains.





Atmospheric sensor logs your dive from moment to moment, while capturing images of the scenery flying by. Your movements are also captured by the acceleration sensor, and when the parachute opens, the chapter function* is activated by the G force.

* The chapter marker refers to a marking recorded whenever a scene change occurs. You can use chapter markers to move instantaneously to the desired position during playback. A chapter marker can be inserted manually by pressing the OK button on the top of the camera. Chapter markers recorded in the camera cannot be transferred to the smartphone application (OLYMPUS Image Track).

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Tough Capability

Boasting the highest level of endurance in the Tough Series,
the TG-Tracker can capture the unknown in every detail.

Waterproof 30m*1

Reliable waterproofing supports underwater photography*

Olympus's unique waterproof construction with sealing at all joints and connection points ensure water depth resistance up to 30 meters. This allows the camera to capture the mysteries of the sea.

* Before shooting underwater, attach the provided underwater protector and set the camera's angle of view mode to "Underwater".

Freezeproof -10°C*2

Capture the world below the freezing point

The TG-Tracker's impressive resistance to cold ensures reliable shooting even when temperatures drop below freezing, making it the ideal photographic partner for photographers in cold regions and snowy mountains.

Shockproof 2.1m*3 Crushproof 100kgf*4

Rugged, heavy-duty design stands up to the most extreme conditions

High shock absorption and load withstanding performance are made possible by an advanced double-chassis construction. Tough enough to take care of itself, this camera gives you the freedom to focus on what you are doing no matter how unstable the conditions.

Dustproof*5

The camera body is highly hermetic, providing excellent protection against sand and dust penetration. Mud or dirt can easily be washed away so safe, secure shooting is always possible even in adverse environments.

High Image Quality

Ultrawide-angle lens with 204°* diagonal angle captures the excitement of field sport

The 204° diagonal angle of the ultrawide-angle far exceeds the angle of view of human vision, enabling it to capture even details usually unavailable in field sport shooting. This can lead to exciting new discoveries not normally seen with the naked eye.

* The angle of view is narrower in underwater photography than in land photography.

Top-notch image processing engine for astonishingly high image quality

The TG-Tracker is equipped with the TruePic VII for 4K engine, adding 4K movie compatibility* to Olympus' renowned TruePic VII image processing engine found in interchangeable-lens cameras. This engine produces high image quality, and the backlit CMOS image sensor transfers image data shot under low light at high speed with low noise.

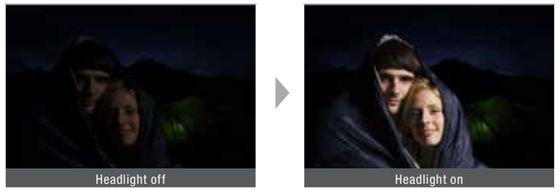
* 4K movies cannot be transferred to a smartphone. They should be viewed on a 4K-compatible large-screen TV.

Underwater detector automatically switches to the optimal mode

The underwater detector makes underwater photography easier by detecting the presence of water and automatically switching the mode at a water depth below 50 cm. In the underwater mode, the camera automatically sets the shooting conditions appropriate for underwater shooting, including Olympus' proven underwater white balance control. This allows you to concentrate on capturing images of what you see, rather than dealing with complex control operations.

Max. 60-lumen headlight brings the dark world to light

The headlight on the camera is a powerful tool, not only for night or underwater photography, but also whenever an unexpected photo opportunity appears in the dim light of a rocky area or dark forest.
Activated with a single action, the headlight immediately irradiates the subject to enable comfortable shooting even in low light.



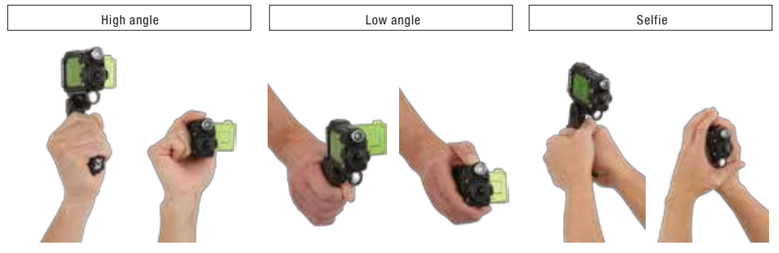
Record serious action and find that exciting moment right away: The acceleration sensor lets you book G-Chapters*

When the built-in acceleration sensor detects preset gravitational acceleration, the camera automatically records a chapter marker. For example, a chapter marker is inserted at the moment of landing after a jump on a bike or snowboard. This feature is particularly convenient for checking the recorded images as well as when sharing a movie.

* Chapter markers recorded in the camera cannot be transferred to the smartphone application (Olympus Image Track)

Versatile shooting lets you capture the subject from any angle

No one knows when a great photo opportunity will come. To capture the intended image in any situation, the TG-Tracker comes with a steady grip to support stable framing. Effective at any angle, the grip enables you to shoot as intended even in extremely active situations.



*1 Equivalent to JIS/IEC protection class 8 (IPX8) *2 The recordable capacity is reduced. *3 According to a test methods compliant with the Olympus quality standard developed based on the MIL Standard 810F Method 5.16.5 Selecting Procedure IV. *4 kgf is the unit of the force applied to an object. This value was measured under Olympus in-house test conditions. Shock absorption performance and load withstanding performance are measured without the underwater protector and steady grip attached and with the swiveling LCD monitor closed. *5 Equivalent to JIS/IEC protection class 6 (IP6X)

OI.Track
OLYMPUS IMAGE TRACK

Olympus Image Track lets you manage your images and log data as sets of activities. Relive that exciting moment, that adventure, as never before.

Olympus Image Track (OI.Track) is a smartphone application that expands the pleasure of photography as well as post-shooting excitement when combined with the TG-Tracker. The application features an impressive array of enhanced functions including the ability to update GPS assist data in the TG-Tracker, as well as download log data and images into the smartphone for later management. This is a great way to enhance and enrich your outdoor sports experience.

Built-in Wi-Fi x Olympus Image Share makes photography even more fun

OI.Share
OLYMPUS IMAGE SHARE

Built-in Wi-Fi enables an instant, easy link with your smartphone. The Olympus Image Share (OI.Share) app enables you to transfer image/data to a smartphone or upload images to your social network. It is also possible to add the GPS tag recorded by the smartphone to the photo in the camera.

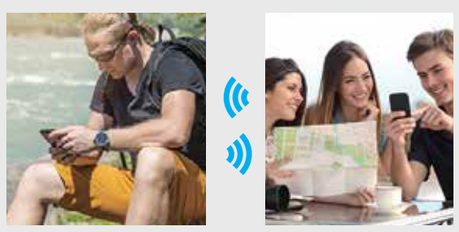
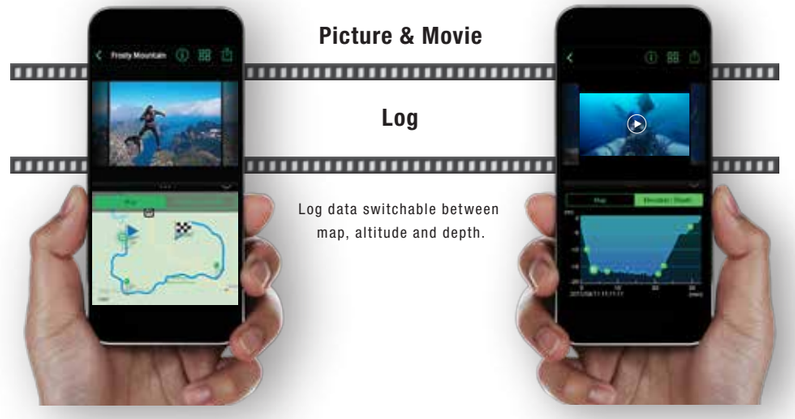


Image Transfer & Sharing

With OI.Track, you can transfer recorded images (picture & movie*) and log data to your smartphone for viewing anytime

OI.Track can easily transfer the recorded images and log data to a smartphone via Wi-Fi. Image and log data can be browsed simultaneously. Thanks to the ability to switch log data between the map and altitude (water depth) according to each scene, you'll be able to explore your memories with the detail appropriate to each shooting environment.

* 4K movies cannot be transferred to a smartphone.



Check past records anytime on your smartphone. Progress in skills development can be seen at a glance

Past log data stored in the smartphone can be checked at any time and the distance and speed of your activities can easily be calculated. If you track back to the records of the same outdoor activity, you can determine at a glance how much progress you have made. This will strengthen your motivation to do even better.

Included Accessories

UP-T01 Underwater Protector*1

Protects the camera during underwater photography.

SG-T01 Steady Grip*2

Supports the shooting of stable images even in active situations. A tripod hole provided in the grip end extends the range of photography.

MC-T01 Mount Coupling with Self-mirror

Required for attaching the SG-T01. Also allows connection to third party accessories.

Optional Accessory

CSCH-125 Tracking Holder

This holder can be attached even when the Steady Grip is attached. Easily attachable and detachable, this accessory is designed to acquire the log data while protecting the TG-Tracker.

* Image shooting is not available when this accessory is attached.

*1. Be sure to use the provided underwater protector for underwater photography. Otherwise, focusing will not be possible underwater. Also make sure to set the camera's angle-of-view mode to "Underwater".
*2. As the TG-Tracker has a diagonal angle of view of 204°, part of the tripod may be captured in the image when the camera is mounted directly on a tripod. This can be avoided by using the tripod seat provided at the bottom of the steady grip.

STYLUS TG-Tracker Specifications

No. of effective pixels (total)		7.2 million pixels
Lens	Structure	7 elements in 7 groups*1 (Aspherical lens: 5)
	Open aperture F-value	f/2.0
	Angle of view	Wide (diagonal angle of view 204 degrees)/ Underwater*2 (diagonal angle of view 94 degrees) selectable (IS off)
	Image range	20 cm to infinity
Recording media	Type	microSD/microSDHC/microSDXC Memory Card (commercially available)*3 (UHS-I compatible)
	Capacity	128 MB - 128 GB
Monitor	Type	1.5-inch LCD monitor
	No. of dots	Approx. 12 million dots
ISO sensitivity		AUTO (100 - 1600)
Shutter speed		AUTO: 1/2 - 1/24000 sec.
Movie recording	Recording format	MOV/H.264
	Recording mode	4K 30P
		1080 60P/30P
		720 240P/120P/60P/30P
		480 240P/120P/60P/30P
	Continuous recording time	29 minutes or up to 4 GB file size
	Image stabilisation	Electronic 5-axis image stabilisation
	Movie sound recording format	Linear PCM

*1 Not including the lens protector. *2 When the UP-T01 underwater protector is mounted.
*3 Visit the Olympus website for a list of SD/SDHC/SDXC cards that have been confirmed to work with this camera.

Still image recording	Recording system	Exif: Exif2.3
		Compression method: JPEG
	Image size	JPEG: 8M, 2.1M, 0.9M, 0.4M
	Aspect ratio	16:9
	Interval shooting	0.5/1/2/5/10/30/60 sec.
	Self-timer	2/12 sec.
Tough capability	Waterproof (Class)	30 m, JISC0920/IEC60529 IPX8
	Dustproof (Class)	JISC0920/IEC60529 IP6X
	Shockproof	2.1 m
	Crushproof	100 kgf
	Freezeproof	-10°C
Field sensor system		GPS (GLONASS, QZSS), Orientation sensor, Atmospheric pressure sensor, Temperature sensor, Acceleration sensor
Headlight		20 lumens (29 min.), 60 lumens (60 sec.)
Wi-Fi		IEEE 802.1b/g/n
Interface		Micro USB, HDMI
Power supply	Battery	LI-92B
Dimensions (CIPA guideline compliant)		35.0 (W) x 56.5 (H) x 93.2 (D) mm
Weight (CIPA guideline compliant)		180 g (excluding battery and memory card)
Box contents		LP-T01 Lens Protector, UP-T01 Underwater Protector, MC-T01 Mount Coupling, SG-T01 Steady Grip, Joint Screw, LI-92B Li-ion Rechargeable Battery, F-5AC AC Adapter for Camera Charging, CB-USB10 USB Cable, Strap

Outdoor shooting caution: Always pay close attention to your surroundings and check for safety. Remember that any actions you take are at your own risk so be responsible and be aware.

About Water Resistance

The TG-Tracker is provided with waterproof functionality equivalent to JIS/IEC protection class 8 (IPX8) (under Olympus in-house test conditions). The TG-Tracker is able to shoot at depths of up to 30 m underwater. Please observe the following points for correct use of the camera:
* Operating time and water pressure shown below apply in Olympus specified conditions, and do not guarantee trouble-free operation.

- Confirm that the battery/card cover and connector cover do not have any cracks or damage and that there are no foreign objects, then firmly close the covers before use.
- When opening/closing the battery/card cover and connector cover, make sure water does not enter the camera.
- Do not use the TG-Tracker at the depth exceeding 30 m. Do not use the TG-Tracker for more than 60 minutes underwater.
- Do not leave the camera in an environment at high temperature (40°C/104°F or more) or at low temperature (below -10°C/14°F). Failure to comply may result in loss of water resistance.
- Do not use any chemicals for cleaning, rust prevention, anti-fogging or repairing, etc. Failure to comply may result in loss of water resistance.
- Do not apply excessive shock to the camera. Failure to comply may result in loss of water resistance.
- After the camera is used under the water, immerse the camera in a container of fresh water for about 10 minutes with the battery/card cover and connector cover firmly closed. After that, dry the camera in an area in the shade with good ventilation.
- In order to preserve water resistance over time, as with any underwater housing, it is recommended that the waterproof packing (and seals) are replaced annually. For the Olympus distributors or service stations where waterproof packing can be replaced, visit the Olympus website of your local area.

About Dustproof Design

The TG-Tracker is provided with dustproof functionality equivalent to JIS/IEC protection class 6 (IP6X) (under Olympus in-house test conditions). After using the camera in conditions where foreign materials such as dirt, dust or sand could adhere to the camera, wash the camera in a container of fresh water according to the instructions provided.

About Shock Resistance

The TG-Tracker is provided with shockproofing to 2.1 m (compliant with MIL-STD810F).
Although the camera has cleared the 2.1 m drop test under Olympus in-house test conditions, this does not guarantee damage-free or trouble-free operation.
* The shockproof performance was measured with the underwater protector and steady grip not mounted, and vari-angle LCD monitor stored.

Drop height:	2.1 m for TG-Tracker
Drop surface:	Plywood (lauan laminate)
Drop orientation:	A total of 26 directions for each surface, each side and each corner.
Number of drop times:	Drop test was performed once for each direction.
Final measurement:	Electrical and mechanical performances are checked according to the regulations for the product specifications. Exterior changes due to shock, such as peeling of the coating are not checked.

* Test was conducted with the vari-angle LCD monitor stored.

Information about GPS and Other Sensors

- Because the GPS and other field sensors are not intended for use as accurate measurement functions, under no circumstances are measured values (such as: longitude and latitude, landmark information, shooting direction) guaranteed. Information may differ from actual circumstances due to effects of events such as natural disasters.
- To display the route travelled using the log file, refer to the instructions of the software used.
- To use GPS assist data, information must be updated via the Internet. Download the update software from the Internet and install it on your computer.
- GPS assist data must be updated every 14 days.
- Depending on the country/region of use, different laws and regulations may be applicable regarding the use of the GPS function. Be sure to follow local laws and regulations.
- Be sure to turn off the GPS function in places where its use is forbidden or restricted, such as inside airplanes.
- As long as the GPS or logger function is turned on, it continues to be activated and draw power form the battery even when the camera is off.
- GPS is a positioning measurement system that uses signals received from orbiting satellites. For better reception, avoid locations where signals can be blocked or reflected. Use the camera in as open location as possible where the sky is clearly visible.
- It may not be possible to obtain position information, or the information may be incorrect in the following locations: indoors, underground or underwater, in forests, near tall buildings, near high-voltage lines, inside tunnels, near magnets, metal, or electronic appliances, near mobile phones that operate in the 1.5 GHz band.
- The camera is not equipped for GPS navigation.
- The electronic compass may not point to the correct direction in the following places: indoors, near high-voltage lines, train station platforms, near magnets or metal, near household appliances.

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