

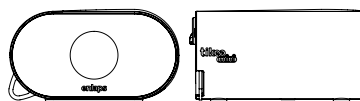


Version

Weight

1 kg

Dimensions



125 x 125 x 70 mm

Cameras

1 camera module for wide angle photos
Image sensor : Sony 12 Mpx
Lens : Wide angle lenses DFOV 149°/HFOV 124°, aperture F2.8
Full resolution image size : 4032 x 3024
Sensor size : 1/2,3
Pixel size : 1,55µm

Trueview mode

Select field of view from :
Fisheye : HFOV 120° / VFOV 95°
Dewarp 110° : HFOV 110° / VFOV 90°, with distortion correction
Dewarp 90° : HFOV 90° / VFOV 70° , with distortion correction

Low light mode

Optimized for dark scenes, Low-light mode improves clarity
and minimizes image noise.
Max exposure time : 2 seconds

Live preview

Live video feedback on the Tikee remote
app to assist with camera framing

Rotation settings

Choose the camera rotation from
Portrait mode (-90° / + 90°)
Landscape (0° /180°) - can be mounted upside down

White Balance

Automatic or manual (Shade 8500K, Overcast weather 6500K, Sunny
weather 5500K, Fluorescent 4000K, Incandescent, 2700K)
Phenology mode (5500K)

Weatherproof

IP 66 : Designed for extended outdoor use (resistant to sand, snow, rain, etc.)
Weatherproof connector for additional solar panel if required
Operating temperature : -10 / + 50 °C
Storage temperature : -25 / + 60 °C

Storage

MicroSD card (*not included*) - Up to 1 TB

Battery
and solar panel

Built-in Li-Ion battery – 25600 mAh

Charge

USB-C 5V / 3A max.
External waterproof connector 5V/2A max.

Wireless upload

Periodic or «Always-On» connectivity over 4G/LTE
(*telecom subscription and sim card not provided*)
Periodic connectivity over wifi
Resolution of images sent to the web application :
selectable from 3 dimensions (in pixels) :
Small (S) - 2048 x 1536 per image, approx. 0,5 MB per image
Medium (M) - 2664 x 1998 pixels per image, approx. 1,25 MB per image
Large (L) - 4032 x 3024 pixels per image, approx. 2,5MB per image





Version

Photo & video snapshots	On-demand triggering of photos or videos (requires a 4G/LTE connection and activation of the Always ON feature)
Video rendering	Up to 4K, available as part of a myTikee subscription plan
Live stream	Video stream - 60sec Ratio 4:3 Frame rate 30 fps Adaptive bitrate (requires a 4G/LTE connection, activation of the Always ON feature and a myTikee subscription plan)
Pictures format	Jpeg DNG Jpeg + DNG
Video format	Ratio 4:3 Frame rate 30 fps
Picture interval	Long term sequence : 30 seconds minimum Event or Burst sequence : 5 seconds minimum User-defined or brightness-dependent schedules
Adaptative interval	Mode that automatically adjusts the shooting interval to optimize energy consumption
Upload Mode	Normal mode : send a batch of photos (25 photos by default, configurable) Minimal mode : send one photo, once a day at a set time Sample mode : samples of photos sent, sends one photo out of N (configurable value) The camera's operating status are sent with each connection. Note : The selected mode, capture settings, and network quality may significantly impact the camera's energy consumption.
Geolocation	Embedded GPS (A-GPS technology) (requires a 4G/LTE connection)
Wireless data settings	Bluetooth Low Energy IOS and Android compatible mobile application Minimum smartphone compatibility: Bluetooth 4.1 / Android 8 / IOS 11
Secure Tikee installation	Metal insert for attaching a padlock
Fixation mounting	Standard ¼" camera screw
Embedded software update	Near the camera : from the SD card, from the wifi or 4G/LTE network Remotely : from the myTikee web platform with Always ON functionality (requires a 4G/LTE connection and activation of the Always ON feature)
4G LTE modem compatibility	4G/LTE global compatibility LTE-FDD: B1/B2/B3/B4/B5/B7/ B8/B12/B13/B18/B19/ B20/B25/B26/ B28/B66 LTE-TDD: B34/B38/B39/ B40/B41

