

Version

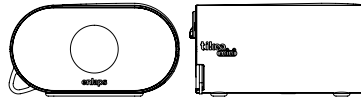


Weight

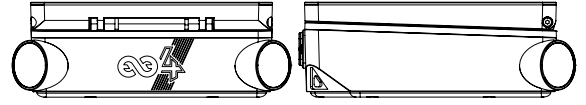
1 kg

1,6 kg

Dimensions



125 x 125 x 70 mm



200 x 200 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

2 camera modules for panoramic photos
Image sensors : Sony 12 Mpx
Lenses : Wide angle lenses DFOV 149°/
 HFOV 124°, aperture F2.8
Full resolution image size (per sensor) :
 4032 x 3024
Size of the sensors : 1/2,3
Pixel size : 1,55µm

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

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Solar Panel: 4.1 Wp Monocrystalline

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

Periodic or «Always-On» connectivity over 4G/LTE (telecom subscription and sim card not provided)
 Periodic connectivity over wifi

Resolution of left and right images sent to the web application : selectable from 3 dimensions (in pixels) :

Small (S) - 2048 x 1536 per image, approx. 1 MB per pair (panoramic image after stitching : 3280 x 1180)
Medium (M) - 2664 x 1998 pixels per image, approx. 2.5 MB per pair (panoramic image after stitching : 4260 x 1534)
Large (L) - 4032 x 3024 pixels per image, approx. 5MB per pair (panoramic image after stitching : 7360 x 2650)

Live stream

Single-lens 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)



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Version



Photo & video snapshots	On-demand triggering of photos or videos <i>(requires a 4G/LTE connection and activation of the Always ON feature)</i>	
Video rendering	Up to 4K, available as part of a myTikee subscription plan	Up to 6K, available as part of a myTikee subscription plan
Pictures format	Jpeg DNG Jpeg + DNG	
Picture interval	Long term sequence : 30 seconds minimum Event or Burst sequence : 5 seconds minimum User-defined or brightness-dependent schedules	Long term sequence : 30 seconds minimum Event or Burst sequence : 5 seconds minimum User-defined schedules
Adaptive 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) <i>(requires a 4G/LTE connection)</i>	
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 <i>(requires a 4G/LTE connection and activation of the Always ON feature)</i>	
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	



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