

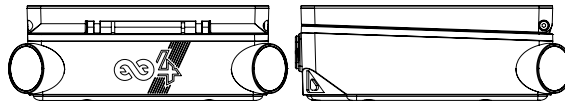


Version

Weight

1,6 kg

Dimensions



200 × 200 × 70 mm

Cameras

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
Sensors size : 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
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 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*)

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 6K, available as part of a myTikee subscription plan

Pictures format

Jpeg
DNG
Jpeg + DNG



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Picture interval

Long term sequence : 30 seconds minimum
Event or Burst sequence : 5 seconds minimum

User-defined 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 to attach a padlock

Fixation mounting

Standard 1/4" 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



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