

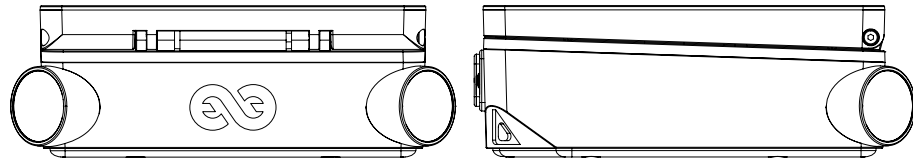


Version

Weight

1,6 kg

Dimensions



210 × 180 × 70 mm

Cameras

2 camera modules for panoramic photos
Image Sensors: Sony Exmor R 16 Mpx
Lenses: F2.8 wide angle lenses
HFOV: 149 °
Maximum resolution of the sensors: 16 Mpx
Full resolution image size (per sensor): 4608 x 3456
Size of the sensors: 1 / 2,3

Weatherproof

IP 66 : Designed for extended outdoor use (resistant to sand, snow, rain, etc.)
Rotating and tilting arm of solar panel made with anodized aluminum
Magnetic closure of the solar panel
Operating temperature: -10 / + 50 °C
Storage temperature: -25 / + 60 °C

Storage

microSD card (not included)
Up to 128 GB

microSD card (not included)
Up to 512 GB

Battery and solar panel

Built-in Li-Ion battery – 24000 mAh
Solar Panel: 4.1 Wp Monocrystalline
Totally autonomous depending on installation condition,
network coverage and setup
Indicative data without solar input: for 1 photo every 15 minutes 24h / 24:
– with image upload: 12 days of autonomy
– without image upload: 36 days of autonomy

Charge

micro USB
5V / 2A max.

Wireless upload

Periodic connection in Wifi or 4G LTE (telecom subscription not provided)

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

Medium (M) - 2664 x 1998 pixels per image, approx. 2.5 MB per pair (panoramic image after fusion: 4260 x 1534)

Periodic connection in wifi (telecom subscription not included).
Permanent connectivity possible in «Always On» mode in 4G LTE (telecom subscription not provided).

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 fusion: 3280 x 1180)

- Medium (M) - 2664 x 1998 pixels per image, approx. 2.5 MB per pair (panoramic image after fusion: 4260 x 1534)

- Large (L) - 4608 x 3456 pixels per image, approx. 5MB per pair (panoramic image after fusion: 7360 x 2650)

Video rendering

Up to 4K with Tikee upload and a myTikee PRO editing or storytelling subscription.
Up to 6K with a manual upload and a myTikee PRO editing or storytelling subscription.

Up to 6K with a manual upload and a myTikee PRO editing or storytelling subscription



Version

Pictures format

Jpeg

Jpeg
DNG
Jpeg + DNG

Picture interval

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

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

Adaptative interval

No

Yes - Mode allowing automatic adaptation of the shooting interval to optimize energy consumption

Upload Mode

Normal mode: send every 25 (default value, configurable) pictures of the camera the status and pictures to myTikee.

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Minimal mode: sending status and a photo once a day

The upload mode, network coverage and settings chosen can significantly increased energy consumption.

Sample mode: sampling of the photos sent, only 1 photo out of N (value chosen by the user) will be sent to myTikee

The upload mode, network coverage and settings chosen can significantly increased energy consumption.

Geolocation

No

Yes - embedded GPS with assisted mode

Mobile app compatibility

Bluetooth Low Energy
IOS and Android compatible mobile application
Smartphone Compatibility: Bluetooth 4.1 and + – Android 5 and + – iOS 11 and +

Secure Tikee installation

Metal insert for the passage of a padlock

Fixation mounting

Standard ¼ «camera screw

Embedded software update

Close to Tikee : update of the embedded software from micro SD card, wifi or 4G LTE (4G LTE Bands : B2/B4/B5/B17)

4G LTE modem compatibility

US version : compatible in the USA (AT&T operator only), Canada, Mexico
Europe and WW version : compatible in Europe, Middle East, Africa, Australia, India (4G LTE Bands : B1/B3/B7/B8/B20/B38/B40)