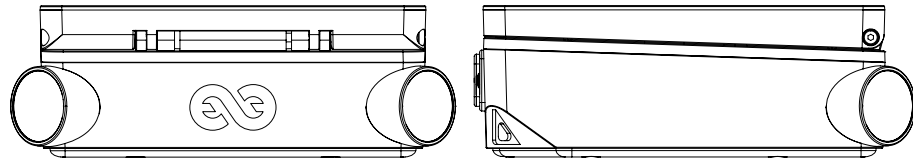


Version

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 1 TB

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.
External connector 5V/2.5A

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

Wireless upload

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)

Live Photo & Video

Vidéo snapshot single lens - 20sec
Photo snapshot

Video rendering

Up to 6K with a myTikee subscription plan



Version

Pictures format

Jpeg
DNG
Jpeg + DNG

Picture interval

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

Adaptative interval

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
Minimal mode : sending status and a photo once a day
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

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 modem compatibility

4G/LTE World compatibility
«LTE-TDD: B34/B38/B39/ B40/B41
LTE-FDD: B1/B2/B3/B4/B5/B7/ B8/B12/B13/B18/B19/ B20/B25/B26/ B28/B66
UMTS/HSPA+ : B1/B2/B4/B5/B6/B8/B19»