

tikeo3

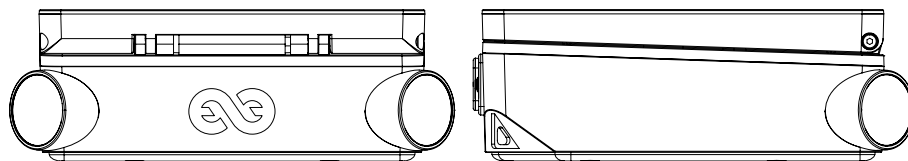
tikeo3^{PRO+}

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.

micro USB
5V / 2A max.
External connector 5V/2.5A

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):
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)

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

Live Photo & Video

No

Vidéo snapshot single lens - 20sec
Photo snapshot

Version



Video rendering	Up to 4K with Tikee upload and a myTikee Editing or Storytelling subscription Up to 6K with a manual upload and a myTikee Editing or Storytelling subscription	Up to 6K with a manual upload and a myTikee Editing or Storytelling subscription
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 <i>The upload mode, network coverage and settings chosen can significantly increased energy consumption</i>	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 <i>The upload mode, network coverage and settings chosen can significantly increased energy consumption</i>
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 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)	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»