

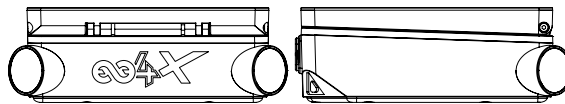


Version

Weight

1,6 kg

Dimensions



200 × 200 × 70 mm

Cameras

2 camera modules for panoramic photos
Image sensors: Sony 12 Mpx
Resolution per sensor: 4032 x 3024
Sensor size: 1/2.3»
Pixel size: 1.55 µm
Optics: Wide-angle lens, DFOV 149° / HFOV 124°. F2.8 aperture.
After dual-sensor image stitching:
- HFOV 220° / VFOV 90°
- Resolution: 7360 x 2650

Low light mode

Normal Mode: Max exposure time 0.3s
Long Exposure Mode: Max exposure time 2s

Live Preview

Video feedback on the Tikee remote app to help with camera placement

White balance

Automatic or manual (Shade 8500K, Overcast weather 6500K, Sunny weather 5500K, Fluorescent 4000K, Incandescent, 2700K)
Phenology mode (5500K)

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 – 25800 mAh
Integrated Solar Panel: 4.1 Wp Monocrystalline
Fully autonomous, depending on installation conditions, settings, and network coverage. Compatible with external solar panel accessory.
Indicative data **without solar input** : for 1 photo every 15 minutes 24h/24 :
– with photo upload to the server : 12 days of battery life
– without data upload : 36 days of battery life

Charge

USB-C 5V / 3A max.
External waterproof connector 5V/2A max

Data upload

Periodic or «Always-On» connectivity over cellular connectivity
(*telecom subscription and sim card not provided*) automatic cellular connectivity setup
Periodic connectivity over wifi

Photo & video snapshots

On-demand triggering of photos or videos
(*requires a cellular connection and activation of the Always ON feature*)



Version

Video rendering Up to 6K, available as part of a myTikee subscription plan

Live stream

Video stream
Ratio 4:3
Frame rate 30 fps
Adaptive bitrate
(requires a cellular connection, activation of the Always ON feature and a myTikee subscription plan)

Pictures format

Jpeg
DNG
Jpeg + DNG

Shooting interval

Long term sequence : 30 seconds minimum
Event or Burst sequence : 5 seconds minimum
User-defined or brightness-dependent schedules

Adaptive interval

Yes - 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 cellular connection)

Mobile app

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

Mounting system

Standard ¼" camera screw

Embedded software update

Near the camera : from the SD card, from the wifi or cellular connectivity network
Remotely : from the myTikee web platform with Always ON functionality
(requires a cellular connection and activation of the Always ON feature),
simultaneous update of multiple Tikee available

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