Once you have set up your shooting sequence, save it and you will be redirected to the main page of the mobile application.

To launch the sequence, go to the « **Starting a sequence** » section

You can end a running sequence by pressing the camera's trigger button again or by pressing STOP on the mobile application.

Note : *If you stop a running short term sequence before the end of the sequence, the images are not sent to the cloud platform but are kept on the microSD card.*

Format and size of the images

JPEG :

Left and right image stored on the SD card : 4608 x 3456 each, approx. 4 MB (8 MB per pair)
Left and right images sent on the web app : 2664 x 1998, approx. 2.5 MB per pair
Panoramic image resolution after fusion : 4260 x 1534, approx. 2.5 MB per panoramic image

JPEG :

Left and right image stored on the SD card : 4608 x 3456 each, approx. 4 MB (8 MB per pair)
Left and right images sent on the cloud platform : selectable among 3 dimensions :

S : 2048x1536, approx. 1 MB per pair

M : 2664x1998, approx. 2,5 MB per pair

L : 4608x3456, approx. 5 MB per pair

Panoramic image resolution after fusion : according to the dimensions selected above :

S : 3280x1180, approx. 1,5 MB per panoramic image

M : 4260x1534, approx. 2,5 MB per panoramic image

L : 7360x2650, approx. 5 MB per panoramic image

DNG :

The DNG format images are not uploaded, nor usable on the cloud platform.

Left and right image stored on the SD card : 4608 x 3456, env. 37,5 MB (75 MB per pair)

DNG + JPEG:

Images in DNG format are not sent or usable on the cloud platform. **Left and right images are stored on the microSD card**: 4608 x 3456, approx. 37.5 MB, but **JPEG images are sent to the myTikee cloud platform** in the desired size (S, M or L).

Autonomy

The autonomy of your Tikee depends on several factors :
- the sunshine and the exposure of the solar panel;
- the type of timelapse (short or long term) and the shooting interval;
- the upload of photos on the cloud (or no) and the quality of the connection.
- the chosen image resolution
- the outside temperature
- Enlaps external solar panel connection (compatible only with a Tikee 3 PRO+)

Here are estimates of autonomy with the following assumptions :
- Battery power only (without solar panel)
- Ambient temperature 20°C
- Photo resolution M

These figures can be significantly increased by using the Tikee in outdoor project conditions on battery and solar panel.

		Always ON deactivated (Tikee 3 PRO and Tikee 3 PRO+ only)		Always ON activated (Tikee 3 PRO and Tikee 3 PRO+ only)	
		Without upload	With upload (300 kb/s)	Without upload	With upload (300 kb/s)
Sequence		Max. 12h	Max. 10h	Max. 12h	Max. 10h
Sequence	1 photo every 30 s:	2,7 d (24h/24) / 5,3 d (12h/24)	0,7 d (24h/24) / 1,5 d (12h/24)	2,6 d (24h/24) / 5 d (12h/24)	0,7 d (24h/24) / 1,4 d (12h/24)
	1 photo every 5 min :	14,4 d (24h/24) / 25,2 d (12h/24)	4,6 d (24h/24) / 9 d (12h/24)	14,2 d (24h/24) / 25 d (12h/24)	4,5 d (24h/24) / 9 d (12h/24)
	1 photo every 15 min:	36 d (24h/24) / 54 d (12h/24)	12,6 d (24h/24) / 23,4 d (12h/24)	30 d (24h/24) / 36 d (12h/24)	12 d (24h/24) / 22 d (12h/24)
	1 photo every 30 min :	54 d (24h/24) / 73,8 d (12h/24)	23,4 d (24h/24) / 37,8 d (12h/24)	36 d (24h/24) / 40 d (12h/24)	22 d (24h/24) / 30 d (12h/24)
	1 photo every hour :	73,8 d (24h/24) / 90 d (12h/24)	37,8 d (24h/24) / 55,8 d (12h/24)	40 d (24h/24) / 43 d (12h/24)	30 d (24h/24) / 36 d (12h/24)
	2 photos per day :	108 days	93,6 days	45 days	44 days

The Tikee has 3 power modes :

     - Normal : The Tikee has sufficient energy, so it captures and downloads the images normally according to the chosen parameters (this status corresponds to a percentage higher than about 30% of the battery).

     - Eco : Tikee's energy has decreased, it continues to take images and store them on the microSD card but no longer sends them to the cloud. However, it continues to connect every 24 hours to send its status and update its configuration. The pictures are sent as soon as the battery is above 60%.

     - Standby : The Tikee's energy level is too low (about 15%), it continues to capture images but no longer connects to the cloud.

Starting a sequence

Once the sequence(s) have been set up and sent, you can start them by pressing **START** or the camera's trigger button.

Once the sequence is started, the power LED turns off and the trigger LED flashes blue every 10 seconds.

You can create new shooting sequences (maximum 6 and only 1 long sequence at a time). If your Tikee is already active, there is no need to start your sequences again.

You can end a sequence in progress by pressing the camera's trigger button again or by pressing STOP on the mobile application.

Note 1 : If a short term sequence in progress stops before the normally set end, the images are not sent to the cloud platform but are kept on the microSD card.

Note 2 : You can check the status of the Tikee at any time on the main menu of the Tikee Remote mobile application (near the Tikee). To refresh the page, scroll down the screen. The status will update.

Checking the progress of a sequence

You can check the status of each scheduled timelapse sequences by clicking on it from the mosaic sequences menu.

''Long-term'' sequences can be searched, edited and removed.
''Short-term'' sequences can be searched and removed, but not edited.

When a sequence is in progress you can know how much images have been shot and if you have set up the connection

To delete or stop a sequence :

① Stop shooting by clicking **STOP**

② Drag the insert of the sequence to be deleted to the left and click on the delete logo.

3 Press START again to continue with the sequence still in progress

Note : *A short-term sequence cannot be restarted.*

Deleting a sequence only deletes the settings and does not delete the point of views on the cloud platform or the photos on the microSD card.
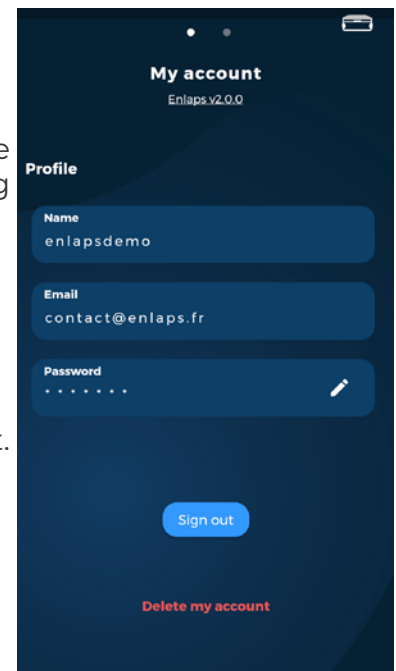
User account

Version of the mobile app

You can check the version of the mobile app installed and the connected user (myTikee account) on your smartphone by clicking on [person icon] in the top left corner.

Disconnecting from the mobile app

The mobile app will keep your user's ID from the first connection.
If you want to log off from the mobile application, click on Sign Out.

5. Getting started with myTikee cloud platform (basic features)

Foreword

Photoset A
*All photos of a
shooting sequence*

Points of view
*Videos using
all or part of the
photoset A*

*This feature is only
available with a myTikee
Storytelling subscription*

Portfolio
*Project bringing together
several points of view
enriched by many different
media*

Photoset B
*All photos of a
shooting sequence*

Points of view
*Videos using
all or part of the
photoset B*
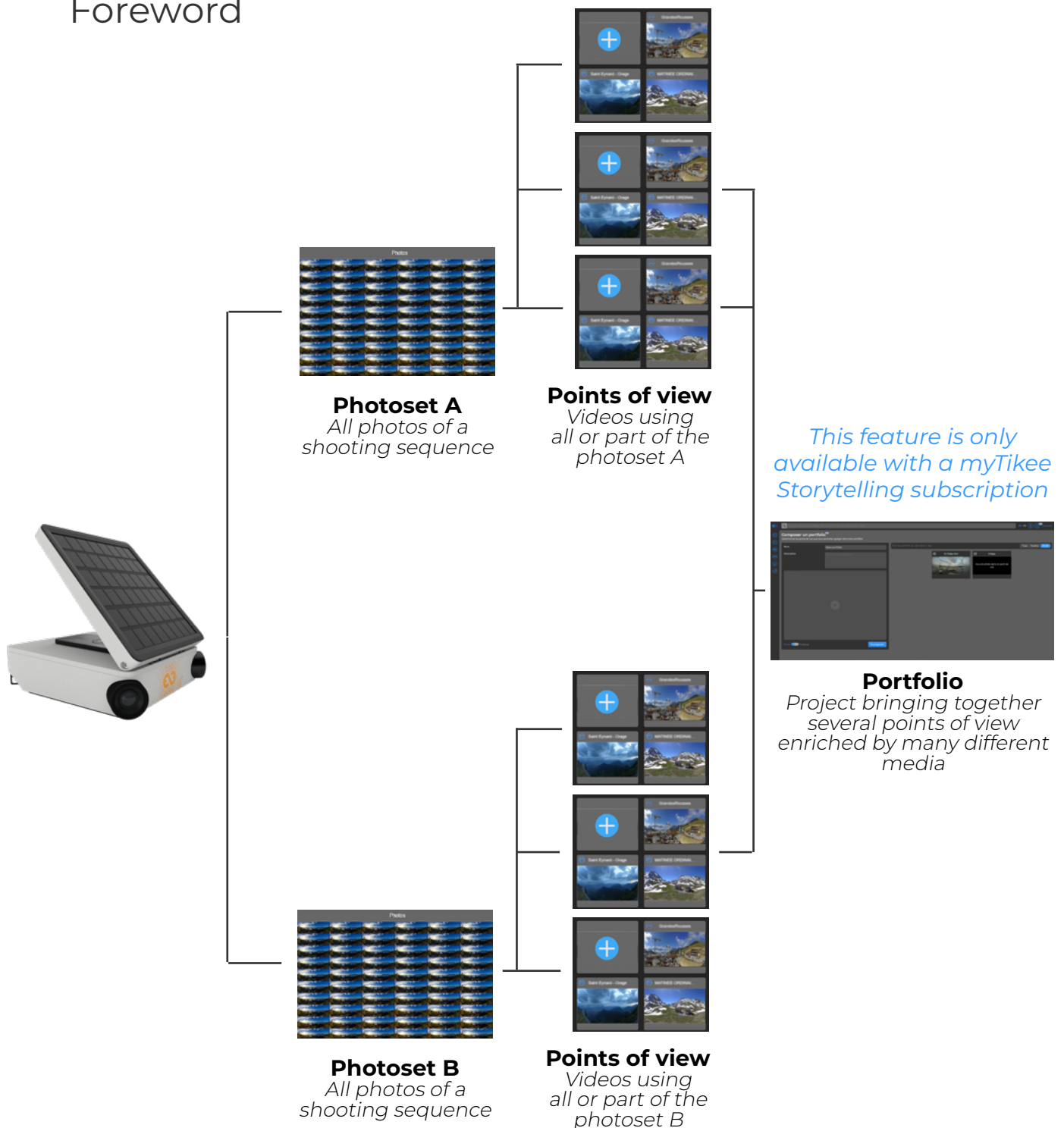
Upload of photos on the myTikee cloud platform :
From the mobile app, when you set up your sequence, make sure you have selected «Send images» to directly or later make the most of all the features
of the cloud platform: combined images, edition, view, sharing…

Photo set : database of all of the shot photos during an in progress or ended sequence. These are merged to obtain a panoramic image.

Point of view : A point of view uses a photo set to create a video. You can create several points of views based on the same photo set.

Example : For a long-term project (several months) you can create a video based on a specific week or of all the shooting period from the same photo set. These 2 videos are from 2 separate point of views but based on the same photo set.

Caution : **The calculation of the fusion of left and right images of your Tikee requires between 25 and 100 images. Prior to this calculation, your photoset may not appear. You can check the status of your Tikee on the cloud platform app to confirm its proper functioning.**

The calculation of fusion is done only once by sequence. Once done (when you see your point of view in your account) the following pictures are generated much faster.

Note : All photos of a burst sequence are uploaded to the cloud platform once the sequence is ended. The video will only be visible with a minimum of 100 images.

Editing a point of view :
After you have selected your point of view, you can edit it by clicking on .

Deleting a point of view :
After you have selected your point of view, you can remove it by clicking on .
Caution : If you delete the last point of view based on your photoset, your point of view and photos of this photoset will be lost

Duplicating a point of view :
You can duplicate an existing point of view by clicking on .
Once it has been duplicated, you are free to edit it.

Portfolio (only available with a myTikee Storytelling subscription) :
A portfolio brings together several points of view and creates a whole set.
of media enriched by AI processing, filters, geographical map.

Create a portfolio :
In the Portfolios section , click on
Fill in the Name and Description fields and then click on the points of view you wish to group together.
Finally, select the public or private visibility mode for your portfolio and click on «Save».

Viewing a portfolio :
In the Portfolios section, you can click on the title of your portfolio or on the eye that appears when the mouse hovers over the 3 small dots .

You will then have access to the different media in the portfolio:
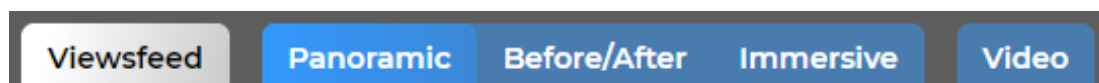
Viewsfeed will automatically provide you with one new media item per day if your portfolio has received new photos in the last 24 hours.

Edit a portfolio:
In the Portfolios section, click on the pencil that appears when the mouse hovers over the 3 small dots .

You can delete existing viewpoints by clicking on them and then saving. This leads you directly to the viewing area where you can access the following settings:

- the map to visualize the location of the points of view
- the treatments to be applied to the photos
- resolution and media sharing settings
- full screen mode

Delete a portfolio:
In the Portfolios section, click on the bin
which appears when the mouse hovers over the 3 small dots .

This action will only remove the portfolio and not the views present in the portfolio.

Setting up your Tikee

You can manage all of your Tikee settings by clicking on My cameras then Tikees on the left of the screen. .

Choice of the Tikee
Select the Tikee you want to set up by clicking on the «My Tikees» tab in the menu on the left of the screen.

**Info:** With the myTikee Editing and Storytelling subscriptions you have access to different dashboards with all your Tikees.
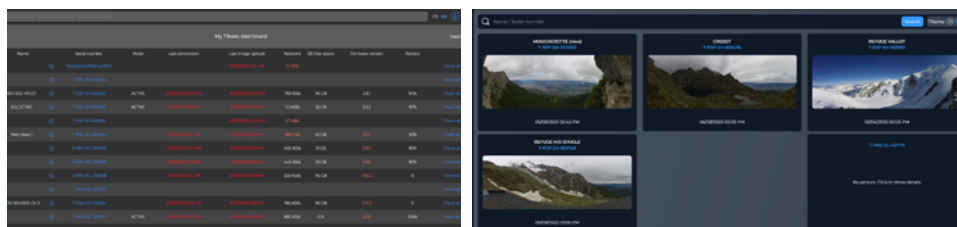
Checking the status of your Tikee
Once you have selected your Tikee, you can access to all of its status information: The Tikee's power mode, battery charge status, date of last received image, network quality, available space on the micro SD card and date of last connection.
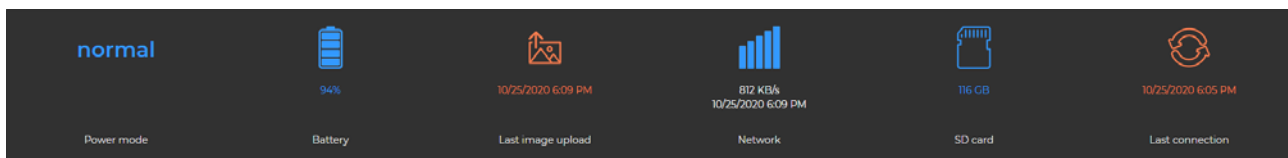
You will also have access to more advanced settings for your camera on the «Configure the camera» tab which varies depending on your camera model.

From this page you can also set up your FTP, add new sequences or synchronize your camera (Tikee 3 PRO and 3 PRO+) with a set up LTE network.

Viewing and editing sequences
You can consult the information of your timelapse sequences by clicking on the chosen sequence. You can add new sequences .

You can also remotely modify your sequences, in particular the time slot and the active days.
Sequence additions and modifications will be taken into account the next time the Tikee is connected to the cloud platform (this can be forced thanks to the Always ON function on the Tikee 3 PRO and 3 PRO+ only, see the Always ON chapter).

myTikee subscriptions

Each licence is valid for one camera, your account must contain as many subscriptions as camera linked to the account to access the subscriptions' features.

Note : *It is not possible to mix myTikee Editing and myTikee Storytelling licences on the same account.*

Please consult the prices and conditions on **https://enlaps.io/en/mytikee-software.html**

myTikee	myTikee Editing	myTikee Storytelling
A ready-to-use cloud platform for shareable content.	A 4K and 6K immersive content editing cloud platform. Benefit from advanced monitoring options for your camera fleet.	A professional cloud platform for automated content creation thanks to AI
Content editing: on-the-fly creation, photo filtering, Pan&Zoom effect	Content editing: on-the-fly creation, photo filtering, Pan&Zoom effect	Content editing: on-the-fly creation, photo filtering, Pan&Zoom effect
Public sharing and Facebook	Public sharing and Facebook Multiple video sharing options and enhanced image galleries by private link and iframe	Public sharing and Facebook Multiple video sharing options and enhanced image galleries by private link and iframe
Advanced viewing gallery: panoramic view, immersive, before/after image comparison, favorites	Advanced viewing gallery: panoramic view, immersive, before/after image comparison, favorites	Advanced viewing gallery: panoramic view, immersive, before/after image comparison, favorites
Max video resolution : Full HD 1080p	Max video resolution: 6K	Max video resolution: 6K
Up to 10.000 hosted images	Up to 50,000 images hosted per licence	Up to 100,000 images hosted per licence
"myTikee" watermark on videos	Custom video watermark	Custom video watermark
o	Dashboard for managing your fleet of cameras and email alerts of anomalies	Dashboard for managing your fleet of cameras and email alerts of anomalies
o	Image transfer on FTP (available)	Image transfer on FTP (available)
o	Points of view from left, right or panoramic images of the Tikee	Points of view from left, right or panoramic images of the Tikee
o	Timelapse Builder Basic (automated and professional quality post-production)	Timelapse Builder Advanced (automated, professional-quality video post-production) with stabilisation, spherical Pan & Zoom, watermark, automatic video enhancement thanks to AI
o	o	Connection of external IP cameras to monitor all your projects from a single interface
o	o	Portfolio regrouping different points of view
o	o	Masking: selection of areas to be hidden on the videos - in accordance to GDPR
o	o	Navigation between points of view using a map

myTikee	myTikee Editing	myTikee Storytelling
○	○	Filtering by IA of the photos: Nice weather, snow, good visibility, beautiful sky
○	○	Viewsfeed: automatic content selection and generation
○	○	Blurring of people (option + 10 € / month)
○	○	Advanced sharing of multiple viewpoints in a portfolio for easy integration

Editing a point of view

In the tab **Points of view** , to edit a point of view, click on the pencil that appears when you move your mouse over the viewpoint :
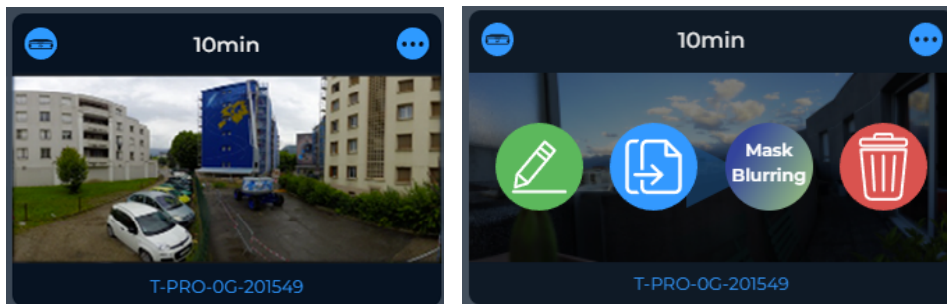
Important : Editing does not modify the photoset.

Filters

When you modify the filters, the photo mosaic will update automatically with the photos that fit within the filters. These are the photos that will be used to create the video.

About the settings of filters area there are 2 types of filters:
- temporal filters, accessible to all
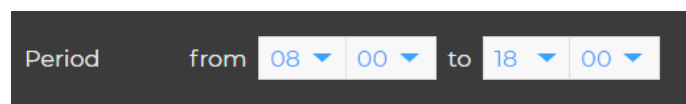- AI filters, accessible with storytelling subscriptions

Time filter

You can select all photos of the day by applying the selection below:
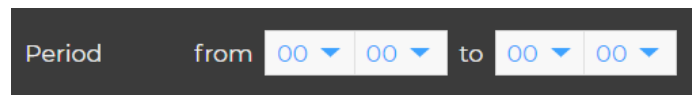
You can also select the photos taken during a given period.
In the example below: from 8:00 a.m. to 6:00 pm :

Mosaic

The photo mosaic allows you to quickly view the images from your photo set that are selected to make your video.

Total number of images of the point of view **VS** Filtered photos

In the below example, after the selection on the filters, 877 photos meet the filter criteria out of a total of 1847 photos included in the photo set.
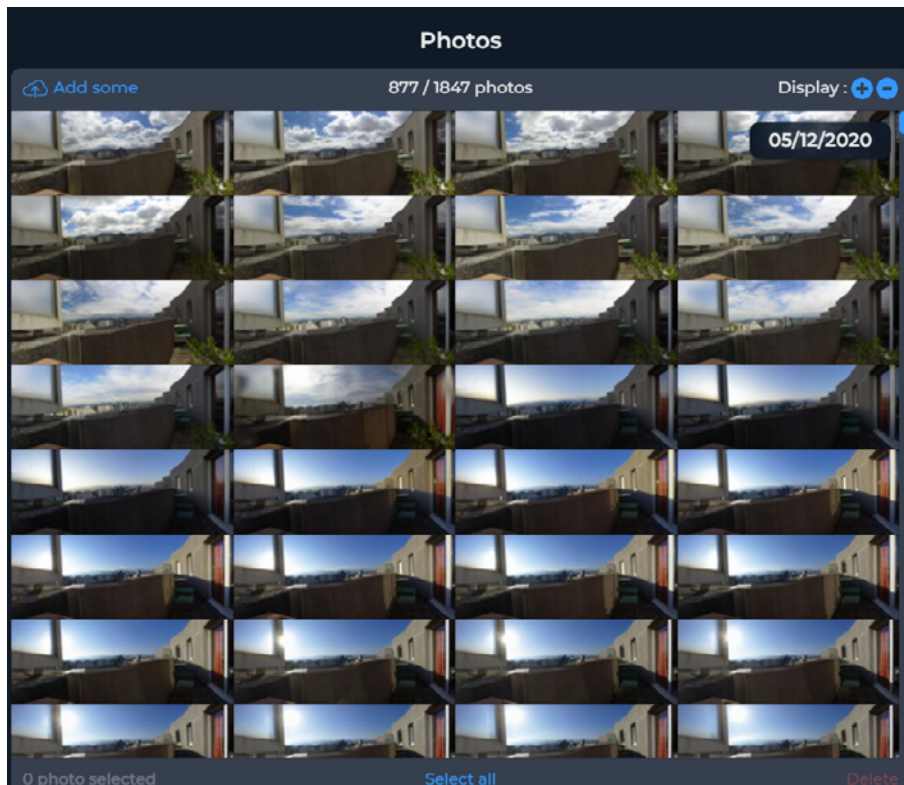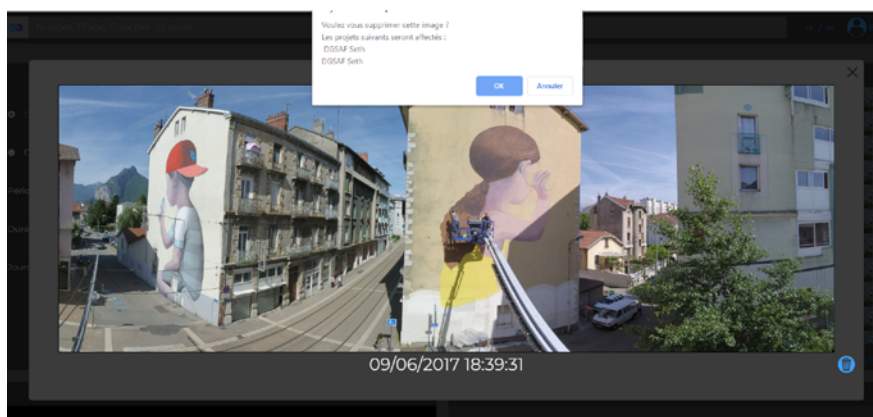
Deleting an image and a selection of images

How to delete a photo :

1. Double click on a photo and it will open wide.

2. Click on

3. A confirmation message is displayed, click on ''OK'' to confirm the deletion or ''Cancel'' to return to the selected photo.

How to delete multiple photos :

1. Click once on all the photos to be deleted
Or click on « Select all » to select all the photos currently filtered.

2. A red box appears on the selected photos. To deselect a photo, click on it again.
Once your selection is made, click on the « Delete » at the bottom right of the mosaic.

3. A confirmation message is displayed, click on « OK » to confirm the deletion or ''Cancel'' to

return to the selected photo in fullscreen.
You can cancel the process at any time by clicking on ''Cancel''.

Caution : The removal of an image of the mosaic deletes this image from all the points of view that use it. The removal is final and irreversible.
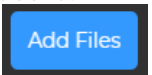
Adding photos to a photoset manually :

Manual addition of photos can be done to :
1. Create a timelapse made without uploading photos by the Tikee
2. Complete an existing timelapse
3. Create a timelapse with other images

To create a new point of view manually, click on « **+** »
then select your photos origin.

To add photos to an existing photo set, click on ''Add photos'' in the top left of the mosaic. The addition is done then either by a ''Drag&Drop'', or by clicking on the upload icon [Add Files] and then by selecting the photos on your computer.

Caution : **To create your content, uploaded photos must be in the same format as the existing photos in the mosaic of the set.**

When manually adding photos made by Tikee, you can select the complete photoset (all the content of the file), the platform will automatically delete duplicates.

The fusion of left and right images is automatically done with the drag&drop of the photoset if left images names contain '_LEFT' and if right images names contain '_RIGHT'.

Tips :
- It is possible to create a content with only the right images (RIGHT) or only the left images (LEFT)
- by dragging and dropping only the corresponding photos (all RIGHT or all LEFT).

- It is possible to import the images into a point of view in several times or to resume an import in progress by dragging and dropping the whole file (the duplicates will be automatically deleted)
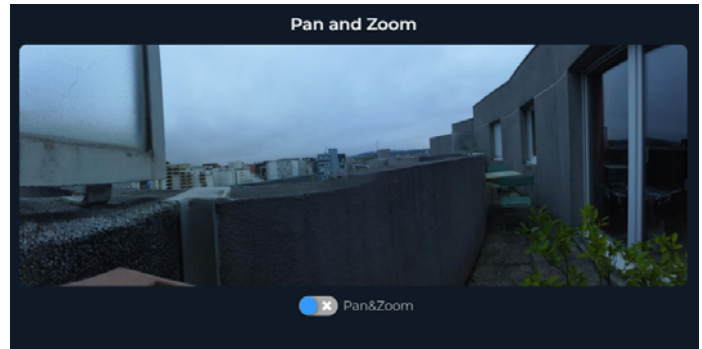
Pan&Zoom

You can select two types of framing using the slider centered at the bottom of the tile "Pan & Zoom". You can choose : Full size or Pan&Zoom.

Full size framing

Toggle the slider to desactivate Pan&Zoom. The video uses panoramic photos taken by your Tikee.
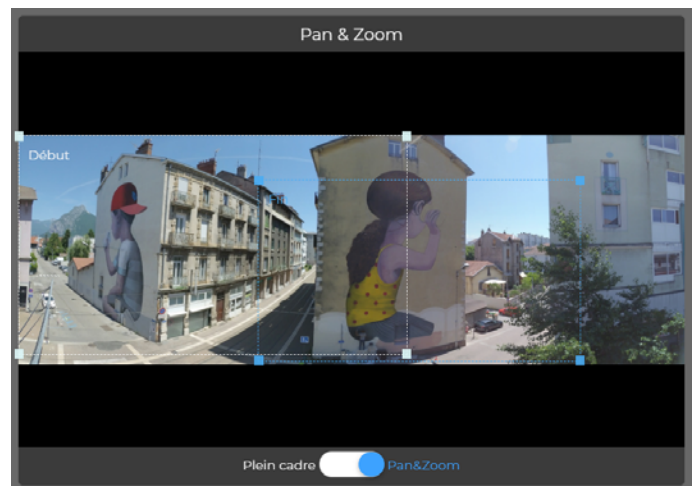

Pan&Zoom framing

Switch the cursor to "Pan & Zoom".
The video will then move in the panoramic image from the 'Start' area to get to the 'End' area.

You can freely select the position of the start and end area.

The size of the areas can also be changed to zoom.
Note that the minimum size has been blocked in order to always get a FullHD video.

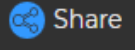## Viewing and sharing your contents

Private mode

By default your contents are in '' Private '' mode which means that only the owner of the account can view the content.

Private mode with video and image gallery sharing link
(myTikee Editing and myTikee Storytelling)

If you have an myTikee Editing or Storytelling account, you can share your contents with Enlaps users only (or not) with a private link non discoverable.
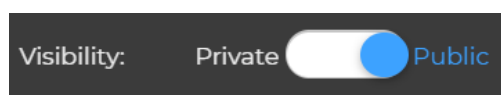
To get the link : go to the page where you can view your point of view. Under the viewing screen you can manage sharing parameters.

By clicking on [Share] you open the links list - also embeddable on a website through an <iframe> tag.
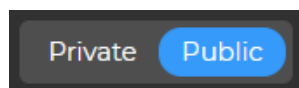*Tutoriel : https://www.youtube.com/watch?v=zy46TKVcFOEE*
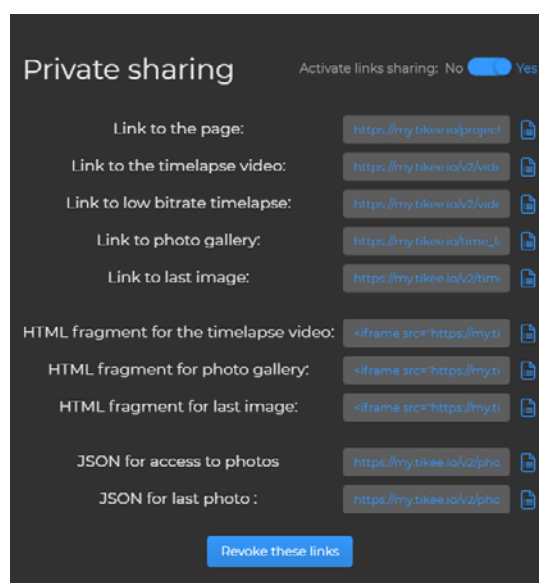
Public mode

When your sharing mode is ''Public'' , everybody with the link (Enlaps users or not) can view and share your video.
It can also be watched in the "Public" section, next to the search bar.

To get the sharing link: go to the page where you can view your timelapse. Under the viewing screen you can manage sharing parameters.
By clicking on 🔗, you copy the link.

By clicking on ''Share on Facebook'', the Facebook post is automatically formatted and directly shareable on your Facebook account.
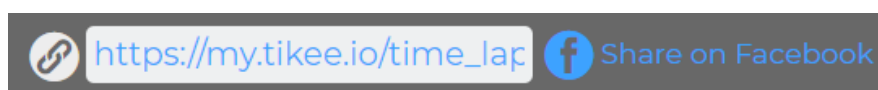
By clicking on « Share » you will find all the private sharing links for all your content, HTML and JSON links.
Note : At any time you can revoke these links to stop sharing your content.

Watermark

Tikee watermark

When creating your media, a watermark with the Tikee logo will appear highlighted on your video. This watermark can be disabled with an Editing or Storytelling subscription.

No Enlaps watermark and/or custom logo
(myTikee Editing and myTikee Storytelling)

With a myTikee Editing or myTikee Storytelling account, you can choose not to watermark when creating your video or to affix your custom logo.
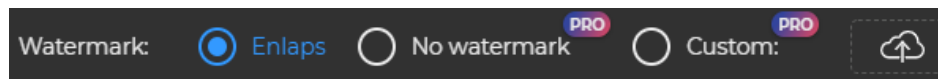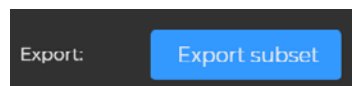

Downloading

Downloading the filtered photoset

With a myTikee Editing or myTikee Storytelling account, you can select your filtered photoset and download it by selecting ''Export subset'' in the ''Extra'' menu.
Note : Click on « Save » before exporting to obtain the desired filtering.

After a few minutes, you will receive an email with the download link of the archive containing all of the filtered photos.

Saving your content

Once your video is edited, you can save it by clicking on '' Save ''.

It will then start the generation of your video which will be available in the display screen either by clicking on « 'View' », or from the mosaic of the point of view.

It is possible to return to point of view editing from the viewing screen by pressing the Edit button at the bottom right of the screen.
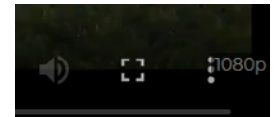
Visualizing a timelapse

Choice of the resolution

In the Video tab of the viewing area, you can choose between two different resolutions to view the timelapse video :
- Optimized : 720p
- Full : 1080p

*If Pan&Zoom, video cropped to the selected size (minimum FHD)

By default, in the display screen, the video is in optimised resolution, it is quite possible to switch from 720p to 1080p (and vice versa), by clicking on the resolution at the bottom right of the video. On your mobile, the resolution is fixed at 720p.
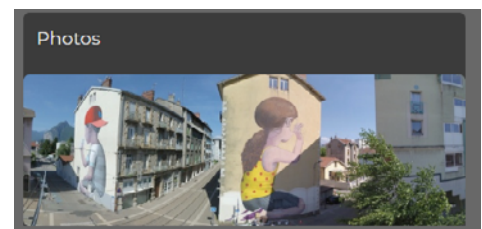
Downloading the timelapse

In the standard version, you can download the video immediately in low quality (HD 720p, 1080x720) or in standard quality FHD 1080p, 1920x1080) by clicking on Download Timelapse   .

With an Editing or Storytelling licence, you have access to PRO quality (4K, 4096x2160) where a download link will be sent to you by email.

Viewing last shot photo

If you have an Editing and Storytelling subscription, you can view the last image taken by your Tikee in the « My Cameras » menu and by clicking on « Check all details ».

Associating your Facebook account

To associate your Facebook account:
1. Click on My Profile in the top right corner
2. Once in the My Profile menu, go to the «Facebook Profile» field.
3. Enter the URL of your Facebook account like:
   https://www.facebook.com/MYACCOUNT
4. Once the field completed, click on ''Update my profile''

Share timelapses

Sharing a Public timelapse

To view the public timelapses from the « Points of View » tab, click on « Public » next to the search bar.

You can then share a public timelapse by clicking on it and selecting the sharing mode:
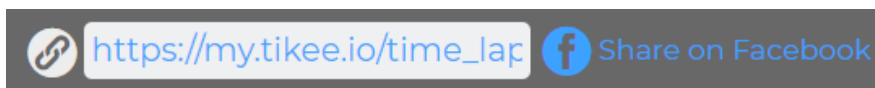
Sharing your timelapse

If your timelapse is private, you can share it by making it public by clicking on :

If your timelapse is public, you can share it by making it public or by copying the sharing link by clicking on 🔗 or by clicking on ''Share on Facebook''
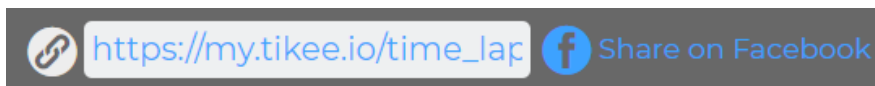
Timelapse Builder

The Timelapse builder is an automated, professional quality video post-production system specifically developed by Enlaps. This functionality is only available with Editing or Storytelling licences.

This allows you to process photos according to the following parameters:
- Anti-flicker
- Image enhancement
- Automatic selection of the best images (if the duration is long enough)
- Advanced smoothing transitions between images
This list is not exhaustive.

Some features such as stabilisation, pan&zoom and relighting or the addition of a timeline for example are only available with a Storytelling subscription.

In the point of view edition, in the Extra modal, click on the Timelapse Builder button.
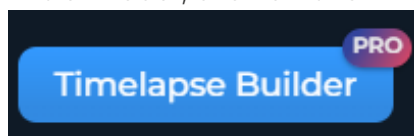
The photos taken into account by the Timelapse Builder are those present in the mosaic after saving the filters (see saving your timelapse).
By clicking on « Generate » you generate a timelapse which is sent to you via a link by mail.

You can also find your video in the «Exports» tab and find the viewing, downloading and sharing functionalities described above.

Info: It is not possible to launch another Timelapse Builder during the generation time.

6. Product briefs
Product range Tikee 3

The new product range consists of 2 models, the Tikee 3 and the Tikee 3 PRO+.

The Tikee 3 model has a North American and a European and rest of the world version for which the network bands are adapted to the locality (see information on 4G/LTE bands).
The Tikee 3PRO+ has no specific geographical zoning for the network.

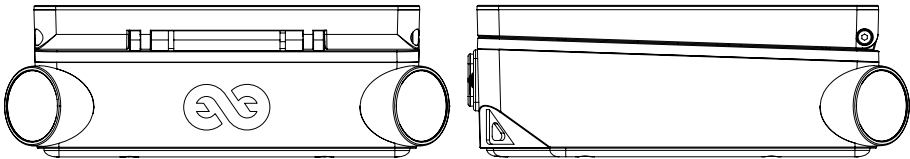|	tikee3	tikee3 PRO+
Version		
Weight	1,6 kg	
Dimensions	210 × 180 × 70 mm	
Cameras	2 camera modules for panoramic photos Image Sensors: Sony Exmor R 16 Mpx Lenses: F2.8 wide angle lenses HFOV: 149 ° Maximum resolution of the sensors: 16 Mpx Full resolution image size (per sensor): 4608 x 3456 Size of 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.	
Wireless upload	Periodic connection in Wifi or 4G LTE (telecom subscription not provided) Resolution of left and right images sent to the cloud platform : selectable from 3 dimensions (in pixels):	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 cloud platform: selectable from 3 dimensions (in pixels):

Version	tikee 3	tikee 3 PRO+
Wireless upload	Medium (M) - 2664 x 1998 pixels per image, approx. 2.5 MB per pair (panoramic image after fusion: 4260 x 1534)	- 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	No	Vidéo snapshot single lens - 20sec Photo snapshot
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 pictures (default value, configurable) of the camera the status and pictures to myTikee. *The upload mode, network coverage and settings chosen can significantly increased energy consumption.*	Normal mode: send every 25 pictures (default value, configurable) 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	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 1⁄4'' camera screw	

Version	tikee3	tikee3 PRO+
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)	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»

Some key features

Adaptative interval:

Only available with the Tikee 3 and the 3 PRO+, this feature allows you to change the shooting interval according to the camera's battery level.
In ECO power mode (see [page 22](#)):
    - If the battery level is between 30 and 25%, the interval is reduced to 1 hour if the set level is lower.
    - If the battery level is between 15 and 25%, the interval is reduced to 2 hours.
    - If the battery percentage is less than 15%, the interval is reduced to 5 hours.
This mode is accessible from the mobile application and the cloud platform in the advanced settings.

Always ON:

Accessible only with the Tikee 3 and the 3 PRO+, this feature allows the camera to be woken up at any time from the mobile or platform cloud via the advanced camera settings.

To use this feature, there are a few prerequisites:
    1. A valid LTE connection
    2.The sim phone number must be entered in the mobile application.
    3.Triggering is only available when the camera is in active mode and no connection is in progress.
    4.The number of triggers is sufficient.

The always ON allows you to perform 3 actions of your choice :

    1. Connect to the cloud platform at any time to send status and pending images and also retrieve new settings made from the cloud platform.
    2. Take a photo snapshot and send it to the cloud platform.
    3. Take a 20 seconds video snapshot with one of the 2 camera lenses and send it to the cloud platform. This last action is only available on the Tikee 3 PRO+

7. Maintenance and cautions

A microfiber cloth is included in the package. You can use it to ensure the maintenance of the camera.

Follow the instructions below to get the best performance from your Tikee.

The camera is guaranteed IP66. If the cap protecting the micro USB slot or the microSD and microSIM slot are opened, the waterproofness of the Tikee is not guaranteed

Make sure that all of the caps are closed before use to ensure water-resistance.

About the waterproofing of Tikee:
- Do not immerse.   - Check and guarantee the closing of the caps.
- Inspect Tikee from the outside.   - Do not expose / use a damaged Tikee.

Electrical characteristics :
Supply voltage at the external and micro-USB connectors should be between +4.5 Vdc up to +5.5 Vdc (+5 Vdc typical).
Use AC/DC/ power supply tpe LPS, Limited Power Source (according to IEC EN 60950-1 Ed2) or type ES1, PS2 (according to IEC EN 62368-1).
Consumption max under 5Vdc : 1500 mA
Built-in-Lithium battery : Typical voltage : 3.6V / Typical capacity 24Ah

Temperature range :
Operating temperature: -10° C / + 50° C
Storage temperature: -25° C / + 60° C
Charge temperature : 0°C / +45°C

Info: Tilt the solar panel so as not to increase the temperature in the Tikee. Indeed, a solar panel heats up and can increase the temperature of the Tikee's casing by a few degrees. Tilting the panel allows air to circulate between the panel and the Tikee's casing.

Before closing the covers, make sure that no debris is on the seal. If necessary, clean it with a cloth.
Before opening the covers, make sure that the camera is free of water and debris
If the camera is dirty, you can clean it with a damp soft cloth.

To clean the lenses, wipe them with a soft cloth. Don't insert any foreign object around the lenses.
If necessary, clean the solar panel. To do this, use clear water with a soft cloth.

Special precautions:
- Do not store Tikee with a discharged battery (level below 50%).
- Do not insert objects (or metal) into the microSIM and microSD card slots.

If there are signs of condensation or moisture inside a lens, turn off the Tikee (do not charge) and contact customer support.

Enlaps support

For questions relating to your Tikee camera or mobile & cloud platform, you can read our FAQ :
https://help.enlaps.io/en/

You can also contact us on **enlaps.io/en/contact**

In the event of an identified failure, a return of the product to our premises will be necessary for a diagnosis.

8. Informations about frequency bands (4G/LTE & 3G)

Radio-Frequency technologies embedded in Tikee 3 device :

RF technology	Frequency bands	Max power
WIFI	2.4-2.4835Ghz	17.2 dBm (EIRP)
3G/4G	FDD-LTE B1/B3/B7/B8/B20 TDD-LTE B38/B40 UMTS/HSDPA/HSPA+ B1/B8	-34.3 dBm (ERP)
BLUETOOTH	2.4Ghz	-1.1 dBm (EIRP)
GPS	1.57542GHz	Reception Only

ENLAPS Tikee
FCC ID : 2ASLI-TIKEE001
IC : 24785-TIKEE001
Note - Modular Approval :
Contains :
      FCC ID : UDV-SIM7100A
      IC : 8460A-SIM7100A
      FCC ID : 2ADHKBTLC1000
      IC : 20266-BTLC1000MR

Radio-Frequency technologies embedded in Tikee 3 PRO+ device :

RF technology	Frequency bands	Max power
WIFI	2.4-2.4835Ghz	17.2 dBm (EIRP)
3G/4G	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 UMTS/HSPA+ : B1/B2/B4/B5/B6/ B8/B19	-34.3 dBm (ERP)
BLUETOOTH	2.4Ghz	-1.1 dBm (EIRP)
GPS	1.57542GHz	Reception Only

ENLAPS Tikee
FCC ID : 2ASLI-TIKEE002
IC : 24785-TIKEE002
Note - Modular Approval :
Contains :
      FCC ID : 2AJYU-8PYA007
      IC : 23761-8PYA008
      FCC ID : 2ADHKBTLC1000
      IC : 20266-BTLC1000MR

Caution: the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with

the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC RF radiation exposure limits set forth for general population. This device must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
This device complies with ISED radiation exposure limits set forth for general population. This device must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

To help you choose the North America or Europe and WW variant, refer to the 4G bands available on the Tikee and ask your mobile operator which bands they use. You can also find information at **https://www.frequencycheck.com/countries/**

9. Battery information

Optimization of the battery

The LED turns orange when the battery charge is low. If the battery charge reaches 0% while shooting, the Tikee saves the file and turns off.

In case of bad conditions of sunshine, the Tikee is discharged gradually and adapts then its operation to save energy:
- Partial discharge: the upload is deactivated, the camera only connects once a day but continues shooting;
- Full discharge: the camera stops shooting, does not connect anymore and stays in standby until then next recharge (solar or USB).

Shooting while charging

You can shoot while your Tikee is connected to a USB micro cable (not supplied).
Note: as the cap of micro USB port is open while loading, the waterproofness of the Tikee is no longer guaranteed.

WARNING: Use only chargers labelled : output 5 V 1A min.

Storage and handling of the battery

The camera contains delicate parts, including the battery. Do not expose your camera at temperatures outside the intended range of use. Too low or too high temperatures could temporarily reduce the battery life or adversely affect the correct functionning of the camera.

Do not dry the camera with the help of an external source of heat such as a microwave oven or hairdryer.

Do not store Tikee with a discharged battery (level below 50%).

Make no unauthorised changes on the camera. You might compromise your security and the performance of the camera, breaking the regulations in force and void the warranty.

Warning: Never let fall, disassemble, open, crush, bend, deform, pierce, lacerate, expose to the microwave, incinerate or paint the camera. Do not use the camera or battery if these have been damaged, for example if they are cracked, breakthroughs, or if they took the water. Disassembly or drilling of the battery can cause an explosion or fire.

Treatment of electrical and electronic equipment at end of life

This symbol indicates that this product should not be disposed with unsorted household waste. A system of elimination and treatment specific to electrical and electronic equipment used, whose use is mandatory, has been implemented including a free right of recovery of used equipment on the occasion of the purchase of equipment new and separate collection by an accredited body. For more information, you can contact your local Council. A correct disposal of electronic and electrical equipment used ensures treatment and an appropriate value to avoid damage to the environment and human health and conserve natural resources.

10. Trademarks

Enlaps™ and Tikee™ are registered trademarks or trademarks of Enlaps SAS in France and at the international level.
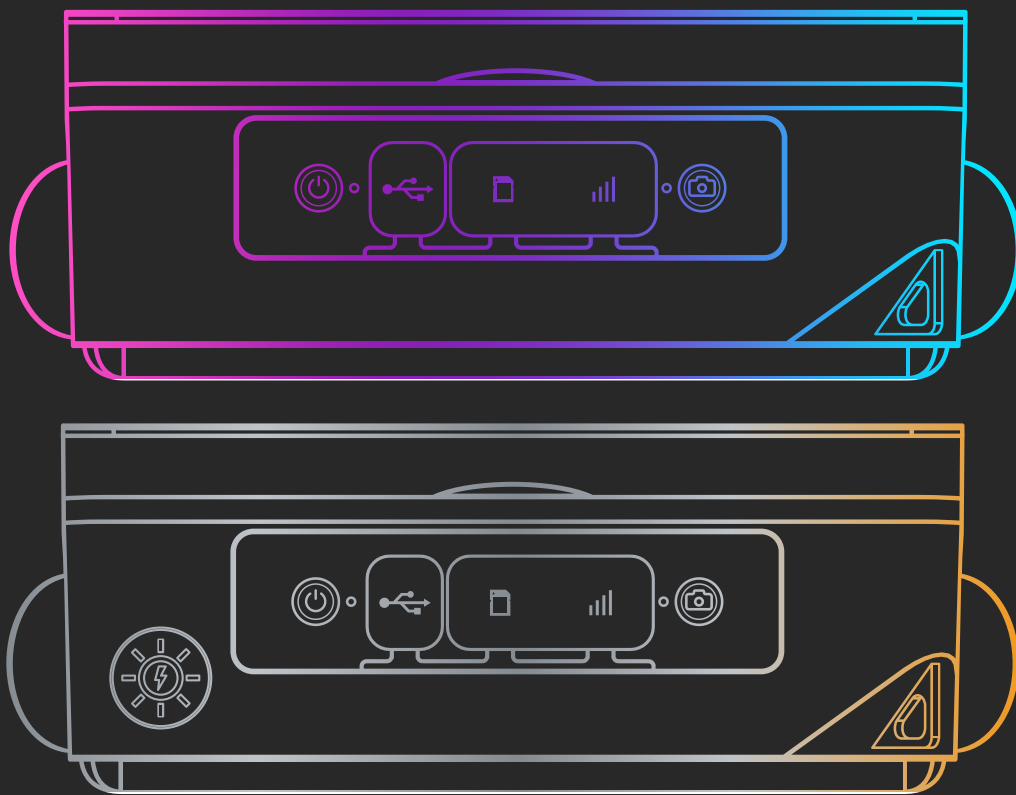Other names and brands are the property of their respective owners.

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