



NUVIZ

NUVIZ User Guide

Version 10.1 EN (Software version: 1496042881)

M/N: N-101, C-101

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GETTING TO KNOW YOUR NUVIZ

Congratulations! You are now the happy owner of NUVIZ.

NUVIZ is an entirely new kind of Head-Up Display (HUD) which is attached to a motorcycle helmet. You can see essential data on the display while riding, such as your riding speed and routes.

NUVIZ is a product with multiple uses: With the NUVIZ app on your phone or tablet, it combines a navigator, camera, mobile phone and a music player giving an integrated user experience planned especially for motorcyclists.

The data is displayed optically via a semi-transparent display so that you can see your information while keeping your head up and eyes on the road.

You operate the display unit, NUVIZ HUD, with a controller that you can attach, for example, to a handlebar of the motorcycle. With the NUVIZ app, our downloadable mobile application, it is quick and easy to plan your route. You can plan your routes in advance and activate them when you start your journey.

If you have a headset installed in your helmet, you can connect it to your NUVIZ and listen to the voice navigation, take and make calls, and listen to music while riding.

IMPORTANT! You need a compatible Android phone/tablet or an iPhone/iPad to download maps to your NUVIZ, create routes, adjust the settings, and pair all the devices together. To start using your NUVIZ, you first need to download the NUVIZ app to your phone/tablet. You can download the NUVIZ app anytime, even before you have purchased NUVIZ. See www.rideNUVIZ.com for more information on compatible and tested phones and software versions.

In the sales box, you will find the following items:

- NUVIZ HUD, the head-up display Unit.
- NUVIZ Controller, to control NUVIZ. You attach NUVIZ Controller to your motorcycle.
- Battery for NUVIZ HUD. The battery type is 18650 and it is an original NUVIZ battery with a protection circuit.
- Battery for NUVIZ Controller. The battery type is CR2032 Lithium 3V. This is a standard battery type.
- NUVIZ Key, to open, for example, the battery covers of NUVIZ and NUVIZ Controller.
- NUVIZ Mount, a square base plate with a sticker to attach NUVIZ to your helmet (+ some extra pieces of sticky tape).
- Round mounting base to attach NUVIZ Controller to your motorcycle.
- Handlebar mounts to attach NUVIZ Controller to your motorcycle.
- Headset

- NUVIZ Mount Cover, a plastic cover to protect NUVIZ Mount when NUVIZ is not attached.
- Carrying pouch where you can store NUVIZ to avoid scratching when NUVIZ is not attached to your helmet.
- Micro-USB cable type B
- Printed user guide
- Legal Guide

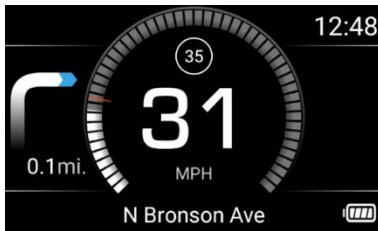
IMPORTANT! There is no wall charger or memory card in the sales box. The battery in your NUVIZ HUD is rechargeable. Never insert a non-rechargeable battery into NUVIZ HUD as it may lead to an explosion. Note that the battery in your NUVIZ Controller is NOT rechargeable.

To record a video with NUVIZ, you need a compatible class 10 MicroSD card or better, for more information, see **Technical Specifications**. Not all Micro SD cards available from suppliers other than NUVIZ are compatible with your unit.

Before going on a ride with your new NUVIZ, familiarize yourself with the keys and parts, basic functions, and the display views.

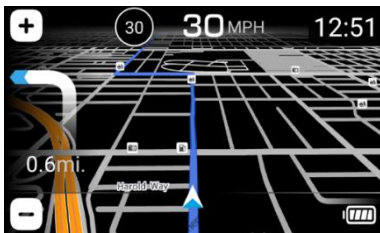
MAIN DISPLAY VIEWS

There are 5 main display views.



DASHBOARD

The central Screen where you can see for example your speed, speed limits, and navigating instructions when on a planned ride. In addition, from the DASHBOARD view you can skip a waypoint and also manually disable the camera.



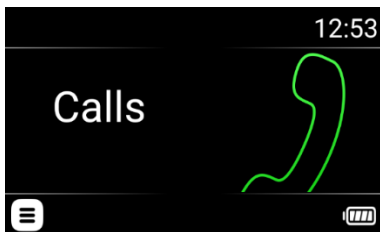
MAP

Shows your location on the map and for example your speed, the speed limit, and navigating instructions during a planned ride.



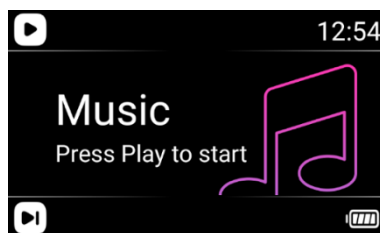
RIDES

Used to select, start, and stop turn by turn navigation guidance during your ride. Shows also additional information about the currently selected ride, for example, your estimated time of arrival.



CALLS

Used to make calls during your ride.



MUSIC

Used to control the music from your phone/tablet.

For more information on how to use the NUVIZ features, see **Using the NUVIZ app and NUVIZ.**

TECHNICAL SPECIFICATIONS

NUVIZ HUD:

- Height: 58 mm / 2.3 in. main body, 98 mm / 3.9 in. optics part
- Length: 148 mm / 5.8 in.
- Thickness: 25-28 mm / 1-1.1 in. main body, 36 mm / 1.4 in. optics part body
- Weight: 240 g / 8.5 oz. (with battery)
- Display size: 0.294" / 65"@10m
- Display resolution: 800x480
- Display colors: 16M
- Display technology: LCoS
- Pixel density: 3175dpi / 14.5dpi@10m
- Camera, still photography and video: 8MP Photo, and 1080p/30fps (or 720p/60fps, user-selectable) video
- Mass memory: 16 GB
 - User data storage: ~10 GB for maps data.
- RAM: 1 GB
- Maximum memory card size: 128 GB
- Expandable memory card type: MicroSD. Class 10 or UHS Class 1 or UHS Class 3 recommended.
- USB2 connector for data transfer and charging, and 3.5 mm connector for the headset
- Replaceable battery: Yes
- Battery type: 18650. Capacity 3250 mAh.
- OTA (Over-the-air) firmware update capability: Yes
- Operation Frequency: 2402MHz-2480MHz (BT/LE), 2412MHz-2472MHz (802.11b/g/n(2.4GHz)HT20)
- Wlan maximum radio-frequency power: 16dBm
- BT maximum radio-frequency power: 9dBm

NUVIZ Controller:

- Height: 13 mm / 0.5 in. + 6 mm / 0.2 in. to the top of the rocker key
- Diameter: 46 mm / 1.8 in.
- Weight: 28 g / 1 oz.
- Replaceable battery: Yes
- Battery type: CR2032 Lithium 3V
- Operation Frequency: 2402MHz-2480MHz(BLE)
- Maximum radio-frequency power: 0dBm

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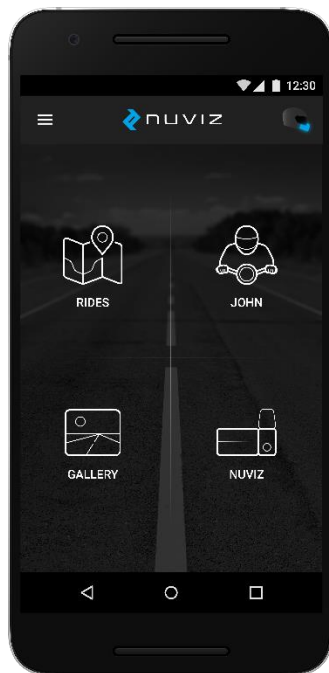
GETTING STARTED WITH NUVIZ

To enjoy the full experience of using your NUVIZ, follow the getting started instructions given here at least 24 hours prior to your first ride. Note that it takes approximately 24 hours for the sticker glue to completely cure.

To start using your NUVIZ, you first need to download the NUVIZ app to your phone/tablet.

IMPORTANT! NUVIZ does not assume any responsibility for incompatibility with some Android phones/tablets and their software versions. Despite the same operating system, there are great differences between different models and makes, and software versions used by the device manufacturers. Therefore, it is possible that some are completely or partially incompatible. See www.rideNUVIZ.com for more information on compatible and tested phones/tablets and software versions.

DOWNLOADING THE NUVIZ APP TO YOUR PHONE OR TABLET



1. On your phone or tablet, go to Google Play or the Apple Store.
2. Search for NUVIZ, and install the app to your phone or tablet. Open the app on your phone or tablet. Follow the instructions on your phone or tablet. Tap **Create new account** and enter your e-mail address, create a password (memorize it!), enter your country and birthdate, and your first and last names to create a NUVIZ account. A confirmation code will be sent to your e-mail address. Enter the confirmation code and then tap **Create new account**. You can also tap **Log in**, and use your Google or Facebook credentials to log in.

TIP! If you have already powered on your NUVIZ, see the display for a tutorial.

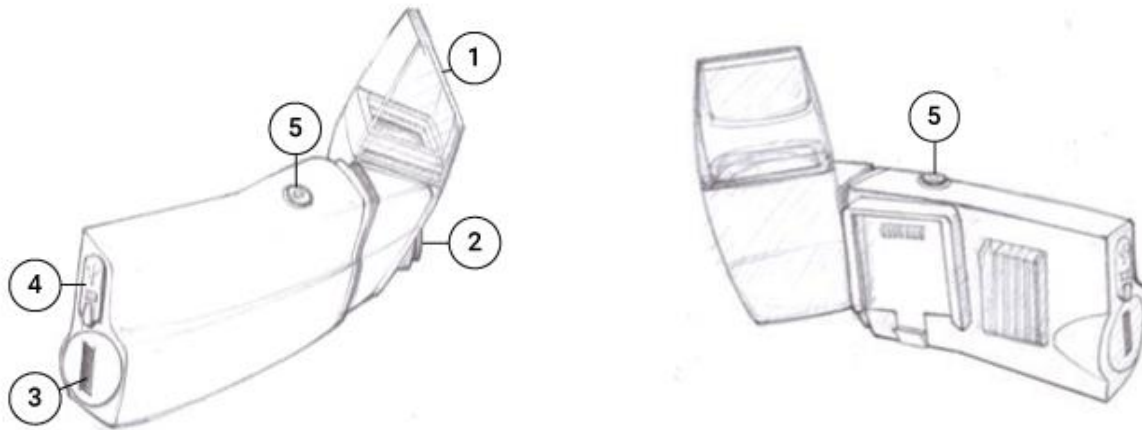
If you accidentally give an incorrect e-mail address when creating a new account, you will not receive a confirmation code for your registration. In that case contact support@ridenuviz.com or just simply create a new account.

If you forget your password and need to re-enter it, you can request the NUVIZ app to send it to your e-mail address.

NUVIZ HUD KEYS AND PARTS

These are the keys and parts of NUVIZ HUD, which is the head-up display unit that you attach to your motorcycle helmet.

TIP! Do not place your NUVIZ in a pocket with hard or scratching objects as they may harm NUVIZ. To avoid scratches, there is a carrying pouch in the sales box for storing your NUVIZ when it is not attached to your helmet.



1. Head-up display (HUD combiner)
2. Camera lens
3. Battery compartment (In the illustration above, the battery cover is in the CLOSED position.) To insert the battery, open the battery cover with the NUVIZ Key found in the sales box. Use NUVIZ original (battery type 18650) batteries only.

IMPORTANT! NUVIZ does not assume any responsibility if you use any other than NUVIZ original batteries. The battery in your NUVIZ HUD is rechargeable. Never insert a non-rechargeable battery into your NUVIZ HUD as it may lead to an explosion. Note that the battery in NUVIZ Controller is NOT rechargeable.

4. USB connector and memory card slot.
The USB connection is micro-USB type B. The memory card is a MicroSD card of up to 128 gigabytes. Keep the rubber cover firmly closed when riding your motorcycle to avoid any moisture entering the unit.

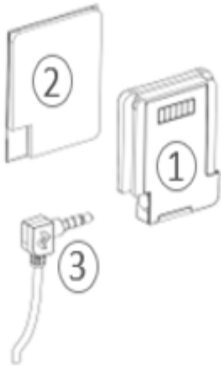
IMPORTANT! The memory card is not included in the sales box.

5. Power button.
To switch on your NUVIZ, press and hold the power button and the display lights up.
To switch off the display only, press the power button briefly.
To switch the display back on, press the power button briefly or press any key on NUVIZ Controller.

To switch off your NUVIZ, press and hold the power button and watch the display, you can see it powering off.

The first time when you power on your NUVIZ, it prompts you to pair it with NUVIZ Controller. For instructions on how to proceed, see **Pairing NUVIZ, NUVIZ Controller and your phone/tablet.**

With the help of NUVIZ Mount you attach your NUVIZ to your helmet. For instructions, see **Attaching NUVIZ to your motorcycle helmet.**

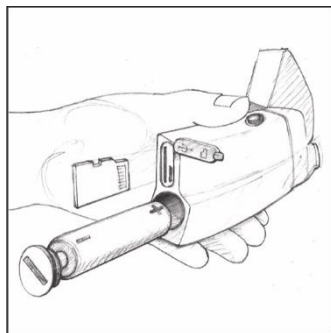
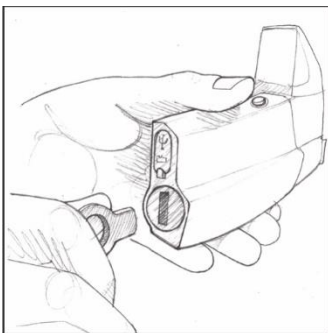


TIP! The headset connector is located in the NUVIZ Mount.

1. NUVIZ Mount
2. Adhesive pad
3. Headset connector

INSERTING OR REPLACING THE BATTERY IN NUVIZ

To insert the battery in your NUVIZ, open the battery cover (turn it to the left as far as the round mark) with the NUVIZ Key that you find in the sales box. Use NUVIZ original rechargeable batteries only. Close the battery cover by turning it to the right until it is in a vertical position. You will feel a mechanical stopper when it is closed. You can buy spare batteries at www.rideNUVIZ.com.



In the first illustration, the battery cover is in the CLOSED position and in the second picture the battery cover is in the OPEN position.

Contact your local waste disposal department to recycle used batteries in accordance with applicable local laws and regulations.

INSERTING THE MEMORY CARD

Open the USB connector and memory card slot cover. Then insert the memory card into the memory card slot. The memory card is a MicroSD card of up to 128 gigabytes.





IMPORTANT! A memory card is not included.




CHARGING NUVIZ



1. Open the USB connector and memory card slot cover.
2. Plug a micro-USB type B charger into your NUVIZ, and the other end of the charger into a wall socket. We do not recommend using a computer for charging, as it may be very slow.

When charging, the charging indicator LED turns red. When the battery is full, it turns green. You can accurately check the battery status of your NUVIZ using the NUVIZ app. You can also check the battery power level on your NUVIZ display:

	Charging: Battery state of charge approx. 0-9%
 / 	Charging: Battery state of charge approx. 10-24%.
	Charging: Battery state of charge approx. 25-49%.

	Charging: Battery state of charge approx. 50-74%.
	Charging. Battery state of charge approx. 75-99% .
	The battery is full, and no further charging can take place.

IMPORTANT! A wall charger is not included. Never insert a non-rechargeable battery into NUVIZ HUD as it may lead to an explosion.

TIP! When taking your NUVIZ out of the sales box, the charging level is typically between 30% - 60%. That'll get you started off nicely.

Keep the rubber cover of the USB and memory card slot firmly closed when riding your motorcycle to avoid any moisture entering the slot.

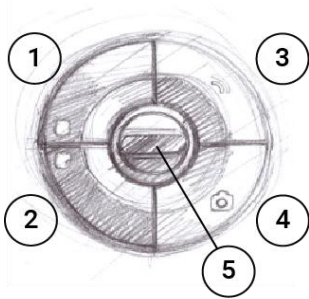
IMPORTANT! Do not charge your NUVIZ while riding.

IMPORTANT! Do not use chargers other than BC1.1 or BC1.2 compatible USB chargers, as they will void the warranty.

3

GETTING STARTED WITH NUVIZ CONTROLLER

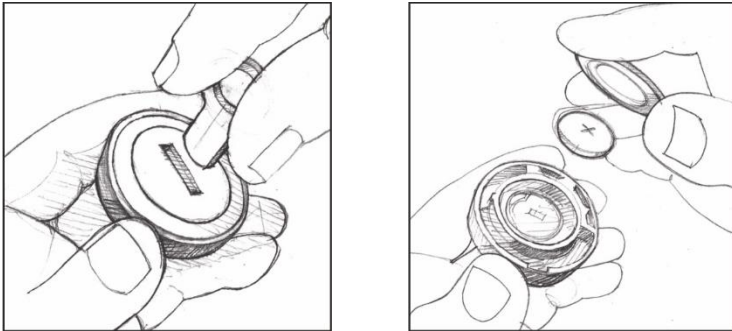
NUVIZ Controller is the remote control for NUVIZ. You can attach it to a handlebar or the motorcycle itself, and easily take it with you when you need to leave your motorcycle. The battery compartment is located on the back side of the NUVIZ Controller.



1. Top function key (upper left key).
Short-press to control the corresponding functions on display.
Long-press to go directly to DASHBOARD.
2. Bottom function key (lower left key).
Short-press to control the corresponding functions on the display.
Long-press to take a screenshot of the current HUD screen. (You will find these images in the Gallery of your NUVIZ app just like any photos you take with NUVIZ).
3. Voice key (upper right key). Press to mute and unmute the microphone.
4. Camera Key (lower right key). Press briefly to activate the camera viewfinder, and press again to take a photograph, or press and hold to start or end recording a video.
5. The scroll key in the middle of NUVIZ Controller. It moves up and down.
Short-press the scroll key (up or down) to switch between display views and scroll lists.
Long-press the scroll key to enter the volume adjustment mode.

INSERTING OR REPLACING THE BATTERY IN NUVIZ CONTROLLER

To insert or replace the battery in NUVIZ Controller, open the battery cover with the NUVIZ Key found in the sales box. Insert the battery into the battery compartment ensuring the “+” side of the battery touches the “+” terminal, and then close the battery cover. Use CR2032 Lithium 3V batteries only, as they are of the correct size.



Contact your local waste disposal department to recycle batteries in accordance with applicable local laws and regulations.

You activate the NUVIZ Controller by pressing any key. It starts automatically pairing with your NUVIZ (if you have switched NUVIZ on first).

TIP! You can reset NUVIZ Controller by removing the battery and reinserting it, but then you need to pair it again with your NUVIZ. For instructions, see Chapter 0 and

FAQs. Note that the battery in NUVIZ Controller is NOT rechargeable.

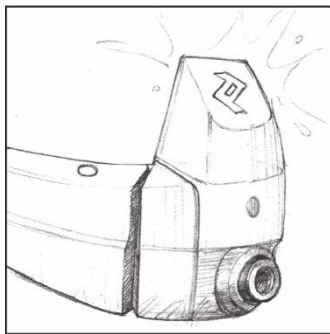
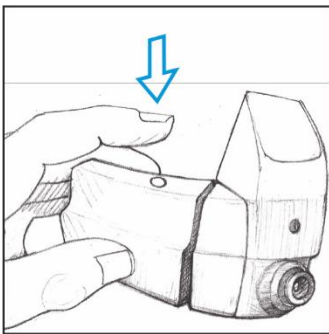
When your NUVIZ Controller has not been used for a while (approx. for 12 hours), it goes into sleep mode. So, when you go for a ride next time, simply press any key to activate it again. You may need to press it a couple of times until NUVIZ responds. There is no need to pair it again with your NUVIZ.

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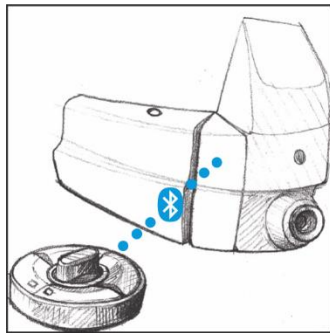
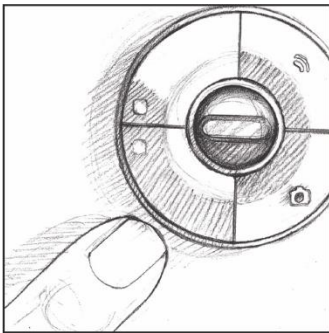
PAIRING NUVIZ, NUVIZ CONTROLLER AND YOUR PHONE/TABLET

Pair your NUVIZ, NUVIZ Controller and your phone/tablet using a wireless connection. Pairing means that you establish a connection between NUVIZ, NUVIZ Controller and your phone/tablet.

1. Switch on your NUVIZ by pressing and holding the power key until the display lights up.

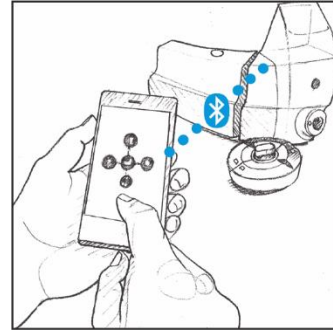
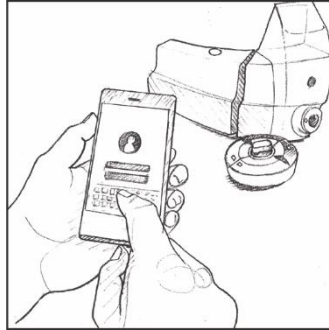
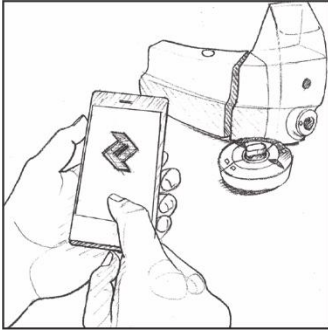


2. Switch on your NUVIZ Controller by pressing any key. View the NUVIZ display to see the Controller functions.




The Controller starts pairing with your NUVIZ automatically. See the display to follow the pairing status: A thin intermittent line indicates the pairing is taking place and a thick line indicates the devices are paired.

3. On your phone/tablet, open the NUVIZ app, tap **NUVIZ** > **Connect your NUVIZ**, and follow the on-screen instructions.

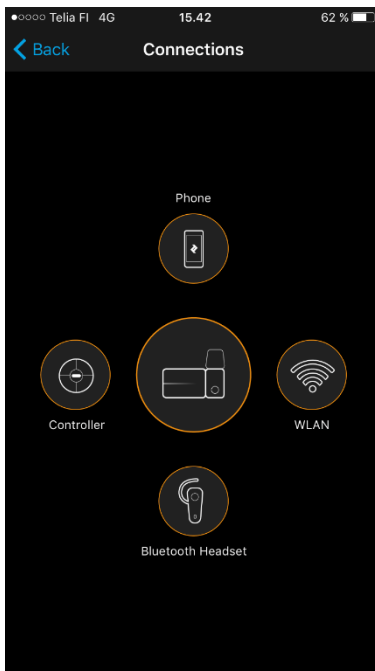


ABOUT CONNECTIONS

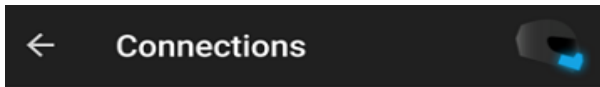
You can always check the status of your connections and pairings from the NUVIZ app. Regardless of the NUVIZ app view, whenever you see the Helmet icon () you can tap it, and the **Connections** view opens. Active connections are indicated with blue circles and blue lines between the respective connection points: NUVIZ, NUVIZ Controller, your phone/tablet, WLAN, Bluetooth® headset.

Below you can see the **Connections** view when there are no active connections.

NOTE! The view in the example is from an iPhone. However, Android is very similar.



When connections are active, the lower part of the helmet icon on the upper right corner of the NUVIZ app glows blue like shown below:



TIP! If there is a connection that is not working, on the Connections view, tap on the icon corresponding the device, and you are asked to reconnect or pair the device again. Follow the instructions on the screen. By tapping the icons, you can see additional information about the connected units.

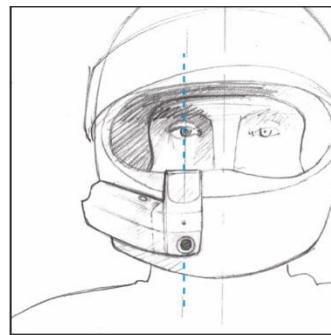
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ATTACHING NUVIZ TO YOUR MOTORCYCLE HELMET

TIP! To ensure secure attachment, you need to attach NUVIZ to your helmet 24 hours before going for a ride.

Before attaching your NUVIZ to your helmet, power it on first: it is easier to adjust NUVIZ for the best possible user experience when the display is on. This ensures the best possible alignment.

Put on your helmet. The correct place for NUVIZ is on the right side of the helmet so that it is in line with your right eye. Use a mirror to help find the correct position. Use both hands to find the optimum view.

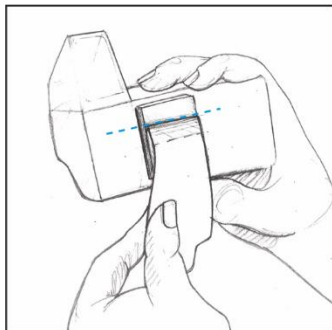


TIP! There are hinges in your NUVIZ you can use to adjust it which allow for vertical and horizontal adjustments. Turn the display to find the optimum viewing angle. The hinge of NUVIZ allows adjusting the display in four directions. Use this to fine-tune the display and find the optimum viewing angle for you.

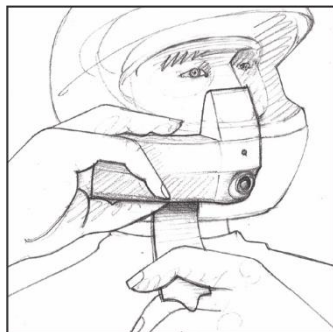


TIP! You will see a special adjusting view on the NUVIZ display when you switch it on for the very first time.

1. On your helmet, clean the surface thoroughly where you plan to attach your NUVIZ.
2. Peel off one third of the film that covers the adhesive pad and press your NUVIZ onto your helmet.



3. Recheck the positioning: you should see the entire display clearly. Also test that you are able to open and close your helmet visor without your NUVIZ obstructing the visor movement. Only then remove the rest of the film, and press your NUVIZ tightly against your helmet to ensure it is properly attached.



TIP! If you are not happy with the positioning of your NUVIZ after you have already attached it, don't worry, you can detach the adhesive pad with the help of dental floss. See the instructions in the FAQ section of this user guide.

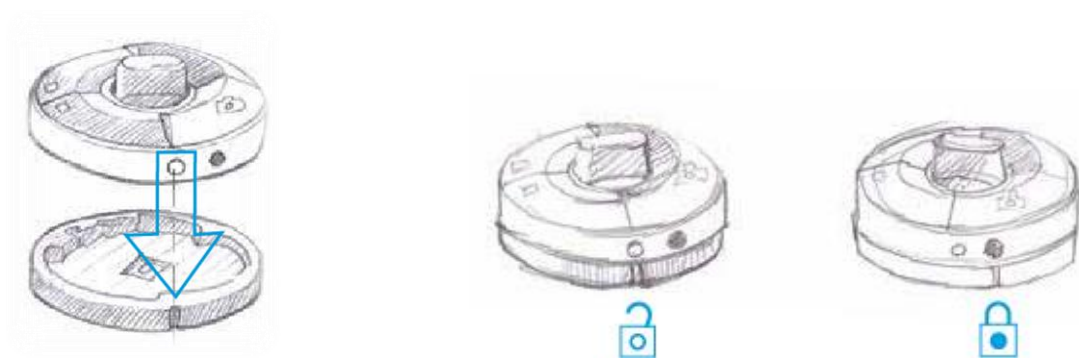
IMPORTANT! To ensure a secure attachment, leave NUVIZ Mount on the helmet for 24 hours before going for a ride.

6

ATTACHING NUVIZ CONTROLLER TO YOUR MOTORCYCLE

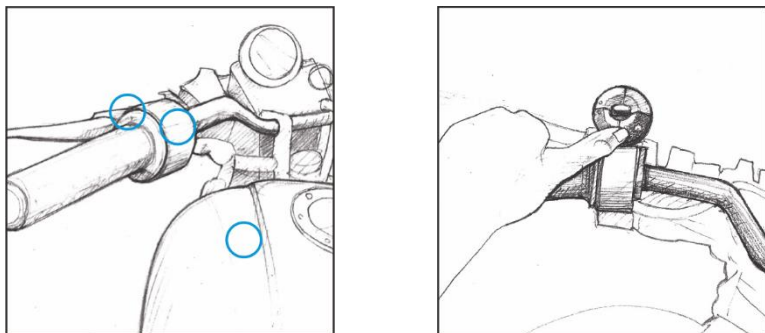
NUVIZ Controller has its own round mounting base where you attach it and then you attach the mounting base to your motorcycle. There are three alternative ways to attach the mounting base to your motorcycle.

Attach NUVIZ Controller to the mounting base and turn it slightly to the right: you can feel NUVIZ Controller docking into its place. You can easily take NUVIZ Controller with you when you need to leave your motorcycle by twisting it slightly left and lifting it up from the mounting base.



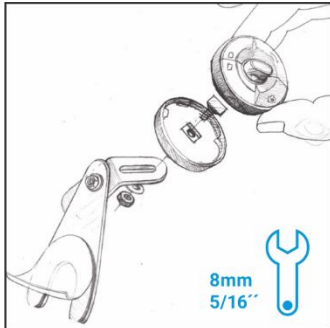
You can attach the NUVIZ Controller mounting base to your motorcycle in three different ways:

- A. With handlebar mounts to the motorcycle handlebars.
- B. By attaching an adhesive petal mounting disc on top of the blinker or on the motorcycle handlebars and attaching the NUVIZ Controller mounting base on the upper disc sticker.
- C. By attaching the NUVIZ Controller mounting base with a sticker anywhere on the motorcycle.



A. ATTACHING NUVIZ CONTROLLER TO THE MOTORCYCLE HANDLEBARS

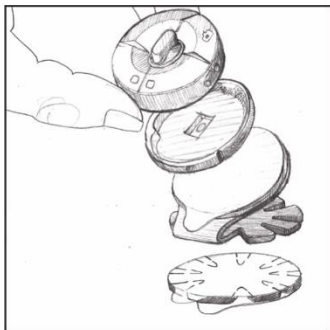
Use the universal handlebar mount M1. The Universal Handlebar Mount M1 has two parts: M1a and M1b. M1b is the part to which you stick the NUVIZ Controller mounting base. Then you fasten M1a to the M1b with a nut and a bolt. And finally, you attach M1a to the handlebar with the U-shaped sticker.



B. ATTACHING NUVIZ CONTROLLER WITH THE MOUNTING DISC

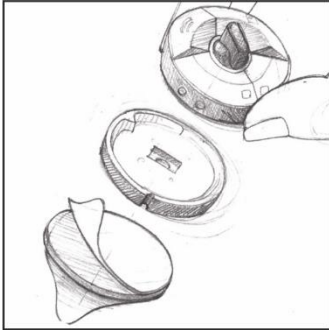
If the handlebar mount M1 does not fit your motorcycle, use the handlebar mount M2 instead.

For a secure fit, first bend the petals on the mounting disc as far as is necessary, then attach the petal-shaped sticker to the M2, and only then attach it to your motorcycle. Lastly, remove the film that covers the round sticker, and press NUVIZ Controller on it.



C. ATTACHING NUVIZ CONTROLLER WITH A STICKER

Attach the NUVIZ Controller mounting base with the sticker provided in the sales box anywhere you want on your motorcycle frame. To ensure secure attachment, leave the NUVIZ Controller mounting base on the motorcycle frame for 24 hours before going on a ride.

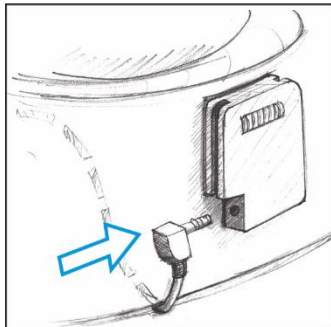


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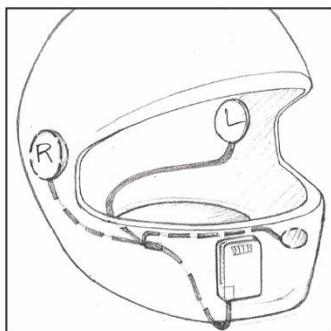
ATTACHING THE HEADSET AND THE MICROPHONE TO YOUR HELMET

We recommend you use the headset provided in the sales box.

1. Plug the cord of the headset into the headset connector at NUVIZ Mount.



2. Attach the microphone inside your helmet in a convenient place.



3. Attach the headset speakers to appropriate places inside your helmet.



IMPORTANT! Be careful with the headset volume levels. Exposure to loud sounds may damage your hearing.

USING A BLUETOOTH HEADSET WITH NUVIZ

You can use your existing Bluetooth headset with your NUVIZ, provided that it fulfills the same Bluetooth specifications and has the same Bluetooth profiles as your NUVIZ (A2DP/"media profile", and HFP/"phone profile"). If you choose to use your existing headset, you do not need to install the NUVIZ headset to your helmet. You may also be able to use the features of your existing Bluetooth headset as before. For example, if you have a compatible Bluetooth headset

with intercom capabilities, and you leave it installed in your helmet, you can continue using it as before, including hearing the sound from your NUVIZ.

IMPORTANT! However, due to limitations in Bluetooth technology, some NUVIZ features do not work optimally with a Bluetooth headset. For example, when you are recording a video, the sound quality of the music may deteriorate.

To pair and connect your existing Bluetooth headset to your NUVIZ, open the NUVIZ app > tap the Helmet icon  to open the **Connections** view. Then tap the Bluetooth headset icon  and follow the instructions on the phone UI. When the connection is established and active, in the Connections view, you will see the Bluetooth headset icon which now has a blue circle around it, and a blue line to your NUVIZ.

You can only connect one Bluetooth headset to your NUVIZ at a time. Note that your Bluetooth headset may be able to connect to more Bluetooth headsets, depending on its features. For more information, see the user guide of your Bluetooth headset.

When using a Bluetooth headset with your NUVIZ:

Make sure that there is no wired headset connected to the NUVIZ helmet mount.

When your Bluetooth headset is turned on and connected to your NUVIZ, all audio to and from your NUVIZ is always routed to the Bluetooth headset.

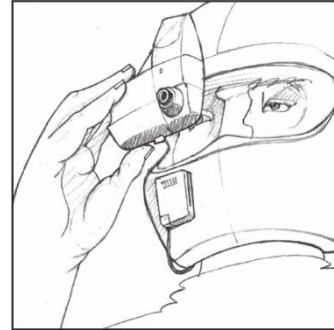
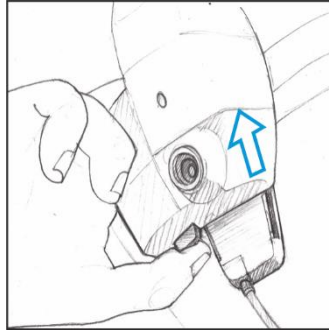
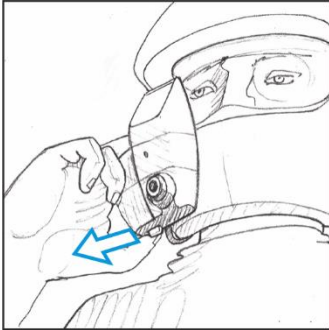
If you have trouble hearing some sounds, make sure that your phone is connected only to your NUVIZ, and not to your Bluetooth headset.

8

REMOVING AND REMOUNTING NUVIZ

REMOVING NUVIZ FROM THE NUVIZ MOUNT AND REATTACHING IT

To remove your NUVIZ from the NUVIZ Mount, pull the small button at the bottom of your NUVIZ to release it and slide it slowly upwards.



To reattach your NUVIZ, slide it slowly down from the top of NUVIZ Mount so that the metallic connectors in NUVIZ and NUVIZ Mount touch. You can hear a click as your NUVIZ slides into its correct place.

TIPS FOR USING NUVIZ

Your NUVIZ may get warm during use. This is normal.

When not using your NUVIZ, we recommend that you cover NUVIZ Mount with the NUVIZ Mount Cover, which is the plastic cover found inside the sales box.



Keep your NUVIZ clean: We recommend you use a microfiber cloth to clean the head-up display.

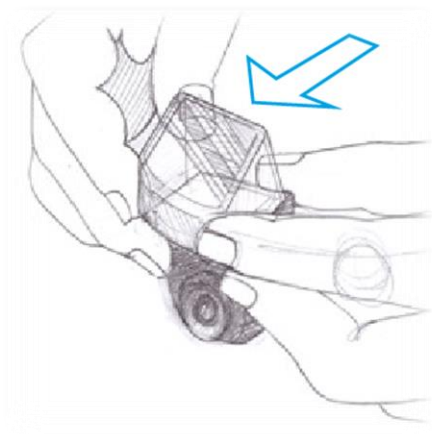
TIP! The carrying pouch provided in the sales box is made of microfiber, so you can use that. Just make sure it has no sand or anything else in it that could scratch the optical surfaces.

TIP! Do not place your NUVIZ in a pocket with hard objects or objects that might scratch as these may harm your NUVIZ. To avoid scratches, there is a carrying pouch in the sales box for storing your NUVIZ when it is not attached to your helmet.

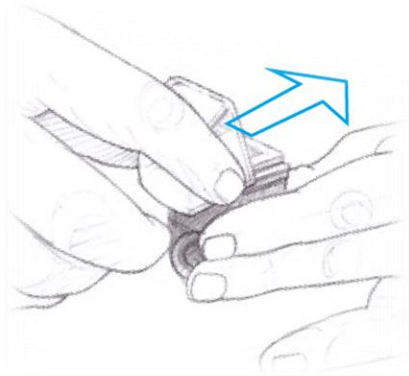
CHANGING THE HUD COMBINER

The transparent part of your NUVIZ where you look to see the head-up display is called a combiner. If you accidentally scratch or damage the combiner, you can replace it with a new one. You can order a new combiner at www.rideNUVIZ.com. You can also detach the combiner for proper cleaning.

To detach the combiner from the NUVIZ main body, spread the sides slightly and slide the combiner forward.



To attach the new combiner, slide it slowly backwards into its place on the NUVIZ main body and spread the sides slightly until you hear a click as the combiner slides into its place.



IMPORTANT! Do not try to open any of the devices, as it invalidates the warranty. You only need to open the battery covers when replacing the batteries.

9

USING THE NUVIZ APP AND NUVIZ



To start using your NUVIZ, you first need to download the NUVIZ app to your phone/tablet. For more information, see **Getting started with NUVIZ**.

IMPORTANT! NUVIZ does not assume any responsibility for incompatibility with some Android phones/tablets and their software versions. Despite the same operating system, there are great differences between different models and makes, and software versions used by the device manufacturers. Therefore, it is possible that some are incompatible either completely or in part. See www.rideNUVIZ.com for more information on compatible and tested phones/tablets and software versions.

TIP! To always enjoy the full experience of your NUVIZ, do not log out of the NUVIZ app.

The NUVIZ app consists of 4 parts:

- **Rides** for planning and storing routes
- **Profile** for personal profile data and riding stats. On the main grid, you will see your own name for this.
- **Gallery** for your photos and videos
- **NUVIZ** for pairing NUVIZ, NUVIZ Controller and your phone/tablet; viewing the user guide; watching support videos; and purchasing accessories.

PERSONALIZING THE SETTINGS

In the NUVIZ app, tap **Menu icon** () > **Settings**.

Here you can, for example,

- change the password of your NUVIZ account
- change the time and clock format of your NUVIZ
- download maps and voice guidance to your NUVIZ
- change the camera settings of your NUVIZ, and
- set up WLAN for your NUVIZ.

DOWNLOADING MAPS TO NUVIZ

To navigate with your NUVIZ, you first need to download maps to it using your phone/tablet. You can also download voice guidance.

Open the NUVIZ app, and on your Android phone/tablet tap [Menu icon](#) (☰) > [Settings](#) > [Download maps](#) or [Download and choose Voice guidance](#). On your iPhone/iPad, tap [Menu icon](#) (☰) > [Settings](#) > [Navigation](#) > [Download Maps](#) or [Download](#) and choose [Voice Guidance](#). Select the maps and the voice guidance you want to download. Maps and voice guidance are then automatically downloaded to your NUVIZ if you have paired it with your phone/tablet. You need a WLAN connection to download maps.

TIP! Downloading maps may take time, so don't leave it to the last minute before going for a ride.

TIP! If you don't have a WLAN network available, or if you have a fast mobile data connection on your phone/tablet, you can use your phone's/tablet's WLAN connection for downloading maps and voice guidance.



Be sure to activate your phone's/tablet's WLAN access point (not just WLAN) before you start downloading maps and voice guidance with the NUVIZ app. Before using your mobile data for downloading large quantities of data, remember to check your mobile data plan and charges from your service provider to avoid any unexpected data costs.

TIP! In many Android phones/tablets, typically, you can find the WLAN activation under Settings in [Share Connection](#) or [Portable hotspot](#), and in iPhones/iPads, it is often called [Personal Hotspot](#). Turn it on and then you can use your own phone/tablet as your WLAN access point (AP). Once you have taken your phone's/tablet's WLAN connection into use, the NUVIZ app goes to the device's WLAN management screen, where you need to select your phone's/tablet's Android/iOS AP and enter the password for the shared WLAN connection. Note that in order for your NUVIZ app to find the hotspot of your iPhone/iPad, one already active WLAN hotspot connection with some other device may be needed. Once connected, you are ready to download. For more information on using your phone/tablet as a portable WLAN, see your phone's/tablet's user guide.


PLANNING YOUR ROUTE

You can plan riding routes for your NUVIZ using the NUVIZ app. Your phone/tablet needs to be online (WLAN or cellular data) when planning the routes.

1. In the NUVIZ app, tap [Rides](#).
2. Tap the [Plus icon](#) (“+”) to add a new route. If you don't want to start your route from your current location (but from some other specific location), tap [my location](#), and enter the starting point for your route.

3. If you want to add a waypoint to your route, enter it in the [Via](#) field. To remove the waypoint, swipe it to left or right. With your iPhone, press the delete icon  next to the waypoint.
4. To reorganize the waypoints, press and hold one, and then drag and drop it to its new place. With your iPhone, note that you need to drag a waypoint by touching on the re-order icon . With your iPhone, alternatively, you can select [Preferences](#) > [Edit](#).
5. In the [To](#) field, enter your destination.
6. Tap [OK](#).
7. Tap either [Go Now](#) or [Save for later](#).

TIP! If you don't want to start navigating immediately, tap [Save for later](#) to save the route for later use. When you power on your NUVIZ the next time, having the NUVIZ app on, the route will be synchronized to your NUVIZ.

TIP! If you want to hear speed limit warnings when riding, tap [Menu icon](#) () > [Settings](#) > [Navigation](#) > [Speed alerts](#) > set it to ON. You can also set up a limit which alerts you when you exceed the speed limit by more than the amount you set up. There are two alternatives: A speed limit area over 50 mph (80 km/h) or a speed limit area below 50 mph (80 km/h).

STARTING THE NAVIGATION FUNCTION

Once you have downloaded the required maps to your NUVIZ and planned your route/routes, you can start navigating using your NUVIZ.

No network connectivity is needed for navigating with your NUVIZ.

IMPORTANT! Your NUVIZ needs to establish a GPS connection first. This may take a while. Go outdoors and remain stationary until the connection is established. The display shows the progress of the connection in percentage terms. Once the connection is established, you see a speedometer on the display.

To see your current surroundings on the map, press the scroll key on the NUVIZ Controller. A blue dot shows your position on the map.

You can navigate using the routes that you have created in the NUVIZ app:

1. Press the scroll key on NUVIZ Controller down until you see [Rides](#).
2. Press the bottom function key.
3. Scroll to [Favorites](#) or [All](#), and press the bottom function key, or scroll directly to your latest routes.
4. Press the bottom function key to select the route and start navigating.
5. To stop navigating, go to [Rides](#) and press the bottom function key.

HANDLING PHONE CALLS

You can see your latest phone calls in your NUVIZ.

In the NUVIZ Contacts list, you can only see those contacts with whom you have had calls (either incoming, outgoing or missed calls).

TIP! Some phone models only show the latest calls, but don't indicate whether they were incoming, outgoing or missed call. In this case, the handset icon on the list is white.

1. To make a call, press the scroll key on NUVIZ Controller down until you see **Calls**.
2. Press the bottom function key.
3. Scroll to the name or number you want to call, and press the bottom function key.
4. To adjust the volume, long-press the scroll key on NUVIZ Controller up or down.
5. To end the call, press the bottom function key.

To answer a call, press the bottom function key.

LISTENING TO MUSIC

Start playing music on your phone/tablet and listening to it through the headset in your helmet.

Press the scroll key on NUVIZ Controller down until you see **Music**. In this view, you have the following options:

- To pause or stop the music, press the top function key on NUVIZ Controller.
- To continue playing music, press the top function key on NUVIZ Controller again.
- To skip to the next song, press the bottom function key on NUVIZ Controller.

IMPORTANT! Due to limitations in Bluetooth® technology, using a Bluetooth headset to listen to music will slow down your other Bluetooth connections. For example, automatic transfer of photos from your NUVIZ to your phone/tablet Gallery will be considerably slower.

Also note that if you listen to music with your Bluetooth headset while recording a video, the sound quality of your music will deteriorate.

ADJUSTING THE VOLUME

Volume controls in apps and on accessories such as headsets may work independently of the controls built into NUVIZ. This means that in the same way as using your phone/tablet with most Bluetooth® wireless technology headsets, if you adjust the volume level of calls and music on your phone/tablet, this will in practice act as the pre-level for the volume in your NUVIZ. For example, if you want to enable the maximum volume level in your headset connected to your NUVIZ, you need to have the volume level set at maximum position in both your phone/tablet and your NUVIZ. In some cases, depending on the Bluetooth headset, you also may have to control the volume level of your music and/or calls by using the controls of your Bluetooth headset.

IMPORTANT! You need to adjust the volume levels separately for music and phone calls on your phone/tablet, and this affects them respectively in your NUVIZ.

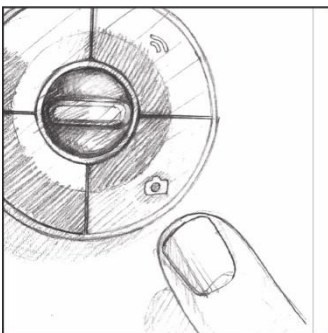
Long-press the scroll key to enter the volume adjustment mode.

NUVIZ allows for separate volume control for different audio sources: phone calls, music, navigation, and system sounds. Select the audio source to be adjusted with the bottom function key of the NUVIZ Controller when adjusting the volume for your NUVIZ. However, due to limitations of the Bluetooth standard, your NUVIZ cannot show the pre-set volume level of your phone/tablet: you need to check that from your phone/tablet.

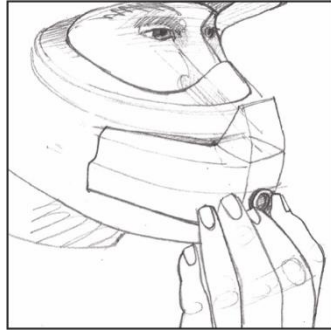
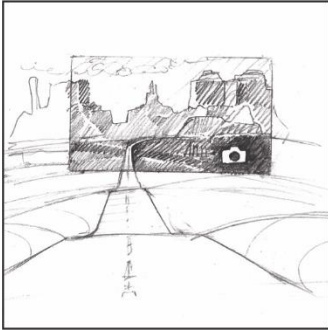
TAKING PHOTOS AND VIDEOS

Before taking any photos, adjust the position of the camera lens in your NUVIZ.

On NUVIZ Controller, press the Camera key (lower right key) to activate the camera viewfinder.



Press the plastic ring around the camera lens and turn the lens to the desired position for optimal view.



IMPORTANT! The camera is off by default to save battery power. When you press the Camera key in NUVIZ Controller to activate the camera, it takes a few seconds for the camera to activate. Once you see the viewfinder, the camera is ready.

You also have the option to deactivate the viewfinder altogether: Go to the NUVIZ app, tap **Menu icon** (☰) > **Settings** > **Camera** > **Viewfinder**. If you have the Viewfinder disabled, you see a green Camera icon on your NUVIZ as an indication of the camera being ready.

If you don't use the camera for 3 minutes, it is automatically disabled. When you start using the camera again, it stays active for 3 minutes. This means that every time you take a photo, the camera stays active 3 minutes after the last photo you took. You can also disable the camera manually when riding: go to the DASHBOARD view, and press the top function key.

NOTE! Once the viewfinder is hidden, it cannot be brought back into use before first deactivating the camera, and then reactivating it.

To change the photo and video settings, in the NUVIZ app, on your phone/tablet, tap **Menu icon** (☰) > **Settings** > **Camera**.

TAKING A PHOTO

1. Press the camera key (lower right key) on NUVIZ Controller to activate the camera viewfinder.
2. Press the camera key again to take a photo.

The photo is stored full-sized on the NUVIZ memory or, if you have a memory card in your NUVIZ, the photo is stored on the memory card. Once you start the NUVIZ app on your phone/tablet, the photo is also copied to your phone/tablet, but at a lower resolution.

To access the high-resolution image, transfer it from your NUVIZ to your computer with the USB type B cable found in the sales box.

To remove a photo from the NUVIZ memory or the memory card, connect your NUVIZ to your computer with the USB cable type B and use your computer to remove the photo.

RECORDING A VIDEO

First, make sure you have inserted a memory card in your NUVIZ. You can find the instructions for inserting the memory card elsewhere in this user guide.

1. Press the camera key (lower right key) on NUVIZ Controller to activate the camera viewfinder. It takes some time for the camera to activate.
2. Press and hold the camera key for a few seconds to start the recording. The viewfinder will disappear, and the video recording timer starts counting on the NUVIZ display.
3. To stop the recording, press and hold the camera key.

To watch the videos you have recorded, transfer them first to your computer with the USB type B cable found in the sales box.

IMPORTANT! However, due to limitations in Bluetooth technology, some NUVIZ features do not work optimally with a Bluetooth headset. For example, when you are recording a video, the sound quality may deteriorate.

The maximum file size for a single video recording is typically 4GB. When that is reached, the video recording continues automatically on a new video file. However, with SD cards formatted using exFAT filesystem, there is no limitation regarding the file size, and one file can even be as big as the whole memory card.

UPDATING YOUR PERSONAL PROFILE DATA

When you created your NUVIZ account, the first name you gave appears on one of the main menus of the app. On this menu, you can find your personal profile data as well as statistics. Tap the icon with your name on it > [Profile](#) to enter your details.

VIEWING STATISTICS

Tap the icon with your name on it > [Stats](#) to see statistics from your rides, for example, the number of your ride sessions, total duration of a ride, maximum speed of a particular ride and other interesting data. You can also select the time period for the statistics, for example, whether you want to see data from the last 7 days or last 30 days. For the statistical data to transfer from your NUVIZ to the NUVIZ app, make sure your app is on and your phone/tablet is online (WLAN or cellular data).

UPDATING THE SOFTWARE

To update the software to your NUVIZ, you need your phone/tablet and a WLAN connection.

TIP! If you don't have a WLAN network available, or if you have a fast mobile data connection on your phone/tablet, you can use your phone's/tablet's WLAN connection for updating the software.

Be sure to activate your phone's/tablet's WLAN access point (not just WLAN) before you start the software update. Before using your mobile data for downloading large quantities of data, remember to check your mobile data plan and charges from your service provider to avoid any unexpected data costs.

In the NUVIZ app, on your Android phone/tablet > tap **Menu icon** () > **Settings** > **NUVIZ** > **Software update**. Tap **Download and install update**. On your iPhone/iPad, tap **Menu icon** () > **Settings** > **NUVIZ** > **Software update**.

TIP! You will not lose your existing map data, routes, photos and settings. Do not switch off NUVIZ during updating.

10 FAQs

NUVIZ MOUNT, CHARGING AND BATTERY, DISPLAY

I accidentally attached NUVIZ Mount in the wrong position on my helmet. How do I remove it?

Take a piece of dental floss and twist its ends around two screwdrivers or similar instruments (but not your fingers!). Then carefully slide the dental floss between the sticky tape and the helmet until NUVIZ Mount comes off. You may be able to use the same piece of sticky tape more than once to reattach NUVIZ Mount, depending on its condition after removal of the first attachment, and depending on the time it has been attached. Do not reuse the same piece of sticky tape if you suspect its ability to attach as firmly as it did the first time.

You can watch a video on how this is done in the NUVIZ app > tap [NUVIZ](#) > [Guides](#). Or check out other videos on the web.

NUVIZ Mount doesn't sit properly on my helmet. What can I do?

There's an extra piece of sticky tape in the sales box. Cut a piece of the tape and use it to adjust and secure the base plate on your helmet.

My Polaroid sunglasses distort the colors on the display. How do I fix this?



This is a known issue with polarized glasses and some visor types. If possible, use another type of sunglasses or visor.

I don't find a wall charger on the NUVIZ website. Which wall charger am I to use? Please indicate a suitable one that I can order, and where can I get it from.

You can use any high-quality USB charger with micro USB-B connector. Minimum 1.2A supply capability is recommended for optimal performance.

How do I save battery power?

Switch off the display when it is not needed by pressing shortly the power key of your NUVIZ.

You can also set your NUVIZ to switch itself off automatically, if it hasn't been used for a while. In the NUVIZ app, on your Android phone/tablet tap [Menu icon](#) () > [Settings](#) > [NUVIZ](#) > [Automatic shutdown](#), and select the period after which the display switches itself off. On your iPhone/iPad, tap [Menu icon](#) () > [Settings](#) > [NUVIZ](#) > [AUTO POWER OFF](#) to select the period.

What do I do if my NUVIZ doesn't respond when I try to switch it on?

Press the power key for 15 seconds, or remove and reinsert the battery to reset the device.

I have tried resetting my NUVIZ and switching it on again and it still does not work properly, what should I do?

In that case, go to our website www.rideNUVIZ.com/SUPPORT, where you find further instructions and assistance.

NUVIZ APP

I accidentally gave an incorrect e-mail address when creating a new NUVIZ account. What do I do?

If you accidentally give an incorrect e-mail address when creating a new user account, you will not receive a confirmation code for your registration. In that case please contact support@ridenuviz.com or just simply create a new account.

I cannot remember my password for the NUVIZ app. What do I do?

When trying to log in to your NUVIZ account, you can ask for a new one to be sent to your e-mail address.

The NUVIZ app does not open. What do I do?

Switch your phone/tablet off and then on again, and try once more. If you continue to have problems, uninstall your NUVIZ app and then reinstall it.

CONNECTIONS AND BLUETOOTH

Where are my maps stored? Do I use offline or online maps?

When planning routes with your phone/tablet, that is, when using your Android or iOS NUVIZ app to plan routes, you are using online maps. Therefore, when planning routes, you need a WLAN or cellular data connection for your phone/tablet.

NUVIZ device, however, uses offline maps only. They are stored in the internal memory of your NUVIZ. This is why you need to use your Android or iOS NUVIZ app to download the needed offline maps to your NUVIZ before your first route navigation. There are no preloaded offline maps in your NUVIZ at the time of purchase.

Can I use my NUVIZ app when my phone is offline?

Yes, you can use some of the features, for example, the automatic photo transfer from your NUVIZ to your phone is active whenever your NUVIZ app is on, and you can also see your photos in Gallery. However, you cannot, for example, plan routes offline with your NUVIZ app. Whenever your phone is offline, you see an offline notification on your phone's display.

How can I connect my NUVIZ to my hidden WLAN access point?

You cannot connect your NUVIZ to your hidden WLAN access point. You can only connect your NUVIZ to your WLAN access point if you make it visible. See your phone's/tablet's user guide for further instructions.

My contacts don't sync between my phone and NUVIZ, what can I do?

Make sure that you have your contact sync enabled in your phone for your NUVIZ device. You can check this under your phone's Bluetooth settings > select your NUVIZ > edit your settings. Note that with some phones, you can also check "Don't ask again" (or similar) after establishing a Bluetooth connection to your NUVIZ.

I have a new phone and I want to pair it with my NUVIZ. How do I do this?

If you have any other phones or tablets paired with your NUVIZ, switch them off or turn the Bluetooth function off on them before you start pairing your new phone with your NUVIZ. Then you need to switch off your NUVIZ and switch it back on again to pair it with your new phone. After this, follow the pairing instructions given in this user guide.

I have an existing phone paired with my NUVIZ, and now I want to pair another phone with my NUVIZ. How do I proceed?

First, switch off your old phone, and then reboot your NUVIZ. Next, switch on your new phone, install the NUVIZ app, log in, and follow the instructions on your phone's screen.

You can pair your NUVIZ with maximum 8 phones or tablets.

NOTE! If you have, however, already used the NUVIZ app on your new phone, you need to go to the Connections view on the NUVIZ app, and click on the NUVIZ icon to start the pairing of the devices.

My NUVIZ is not connecting to my phone even though I have paired it with it, what do I do?


Look for your NUVIZ device from your phone's Bluetooth menu and pair it again with your phone.

I'm trying to pair my new phone with my NUVIZ, but the pairing fails, what do I do?

Remove your NUVIZ from your old phone's Bluetooth menu and look for unpaired devices in order to pair your NUVIZ with your new phone. Note that you may need to restart your NUVIZ after pairing is removed from your old phone.

I have paired my phone with my NUVIZ, but the connection is not established automatically, what do I do?

You can always check the status of all your connections and pairings from the NUVIZ app.

Regardless of the NUVIZ app view, whenever you see the Helmet icon () you can tap it, and the **Connections** view opens. Active connections are indicated with blue circles and blue lines between the respective connection points: NUVIZ, NUVIZ Controller, your phone/tablet, WLAN, Bluetooth headset. In addition, you can also see the connection status on the head-up display of your NUVIZ:



If both the handset icon and the smartphone icon appear on the display (see the picture above), it means that your NUVIZ is not connected to any device. In that case:

- Look for your NUVIZ device from your phone's Bluetooth menu and pair/connect it again with your phone.
- If this fails, restart your NUVIZ and your phone. The connection should be established automatically.
- If the connection is still not established, remove your NUVIZ from your phone's Bluetooth menu and restart your NUVIZ and your phone. Then look for unpaired devices in order to pair your NUVIZ again with your phone.



If only the smartphone icon appears on the display (see the picture above), it usually means that the audio connection between your NUVIZ and your phone is on, but there is no NUVIZ app connection. In that case, make sure that the NUVIZ app is running on your phone. If the app is running, however, try to close it and then restart it. If this does not help, restart your NUVIZ and your phone.



If there are no icons or only the smartphone icon on the display (see the picture above), but your NUVIZ is not connected to your phone (you can hear no audio from your phone), it can also mean that your NUVIZ may be connected to some other phone near by. In that case:

- If possible, close the Bluetooth connection from the other phone and try to open the connection from your desired phone to your NUVIZ.
- Or, move further away from the other phone, restart your NUVIZ and try to connect your desired phone to your NUVIZ from your phone's Bluetooth menu.

If none of these steps helps, restart your NUVIZ and your phone and try once more.

I am replacing my old NUVIZ with a new one, what do I do with the old pairings?


Go to the NUVIZ app connectivity view, tap on your NUVIZ icon, and select [Unpair and pair again](#). You can also delete your phone's/tablet's old pairings by going to your phone's/tablet's Bluetooth settings, and then do a new pairing.

Can I pair my NUVIZ with both my phone and tablet at the same time?

Yes, you can, but only one device at a time can be connected to your NUVIZ.

I can't pair my NUVIZ and NUVIZ Controller, what can I do?

Reset NUVIZ Controller by removing the battery, and putting it back. Then pair it with your NUVIZ by clicking, for example, the scroll key of the Controller up and down for a couple of times. This will help to keep the Controller fully active in this phase for the creation of the connection.

If the connection is not established automatically within 60 seconds, open the NUVIZ app > tap the Helmet icon  to open the [Connections](#) view, tap on the NUVIZ Controller icon, and then follow the instructions on the phone screen.

How to switch calls from my NUVIZ headset in my helmet to my phone's speaker?

If you have your NUVIZ nearby, just switch it off, and your calls are routed to your phone's audio, but if not, you need to tap the Bluetooth icon on the phone screen in the Caller App view. If you close the Bluetooth connection on your phone *entirely* to route the calls to your phone while your headset is connected to your NUVIZ, and then wish to route the calls again to your NUVIZ, you need to turn the Bluetooth on your phone on and select your NUVIZ from the device list in the settings.

Since NUVIZ supports Bluetooth headsets I wonder whether I can use a standard wired NUVIZ headset for communicating with my passenger if my passenger uses a Bluetooth headset?

No, not yet. However, we are working on adding the support for this and this will feature in a future software release.

Can I use my NUVIZ to have, for example, a 3-party intercom conversation while riding if the other parties have other than NUVIZ Bluetooth communication devices?

No, unfortunately not. NUVIZ does not yet support multi-party audio Bluetooth connection. But if you leave your current Bluetooth headset installed in your helmet, you can continue using that with your NUVIZ and your rider friends. Your passenger also needs a compatible Bluetooth headset to stay on the same line.

If I use my NUVIZ and my rider friends use Bluetooth communication devices (that are not made by NUVIZ), will I be excluded from the conversation?

No, you won't. The solution is to leave your current Bluetooth headset installed in your helmet and pair it with your NUVIZ: you do not need to install the NUVIZ headset at all. You will hear the NUVIZ sounds through your old headset, and you will be able to have an intercom conversation with your rider friends as before.

I have paired my Bluetooth headset with my NUVIZ successfully, but it does not seem to work: I cannot hear anything. Why is this?

If your Bluetooth headset is more than 2 years old, the reason may be that your Bluetooth headset lacks the necessary Bluetooth profile. The newer the headset, the better it works.

What do I do if my recent calls list is empty?

The reason might be that syncing the phone book may take up to couple of minutes based on the size of your phone book, the more contacts you have, the more time it takes to sync.

If the calls list is still empty:

- Look for your NUVIZ device from your phone's Bluetooth menu and check from [Options](#) that contact sharing is enabled.
- Close and re-open the Bluetooth connection between your phone and your NUVIZ.

What do I do if new contact names are not visible in the recent contacts list?

Close and re-open the Bluetooth connection between your phone and your NUVIZ: once the phone book is synced, the new contacts names should be visible.

PHOTOS AND VIDEOS

The photos that the camera takes are distorted at the edges. How do I fix this?

This is a typical phenomenon with action cameras. If possible, use a photo editing tool to fix the photos.

It seems like some of the photos I have taken with my NUVIZ are not in the correct order in my phone's photo gallery. Why is that?

Your photos are sent to your phone over a Bluetooth connection and their time stamp may change during the transfer.

Where can I find and view the videos I have recorded with my NUVIZ?

You can find your videos in the NUVIZ memory card: connect your NUVIZ to your computer with the USB cable provided. In your computer's File Explorer select your memory card. Another option is to use a memory card reader.

Where can I find the photos I have taken with my NUVIZ?

A copy of each of your photos is automatically transferred to your phone/tablet when you have the NUVIZ app on. Note that if you are taking full-size photos, the transferred copy is reduced in size. To access your photos full-size, connect your NUVIZ to your computer with the USB cable provided. In your computer's File Explorer select your memory card. Another option is to use a memory card reader.

AUDIO AND MUSIC

Why does it seem like listening to music with my Bluetooth headset slows down other functions?

Due to limitations in Bluetooth technology, using a Bluetooth headset to listen to music will slow down your other Bluetooth connections. For example, the automatic transfer of photos from your NUVIZ to your phone Gallery will be considerably slower.

Why does the quality of my music change when I shoot a video?

Are you using a Bluetooth headset? Due to limitations in Bluetooth technology, if you listen to music with your Bluetooth headset while recording a video, the sound quality of your music will deteriorate.

STOP. For your safety, please read this entire Legal Guide, the User Guide, and the Terms of Service **BEFORE** operating NUVIZ products. Read all instructions, warnings, and safety information. It is critical that you follow the instructions and heed the warnings to pr

event injury to yourself or others and to prevent damage to your products. “NUVIZ” refers to the NUVIZ head-up display device. “NUVIZ products” collectively refers to NUVIZ, its battery, the controller, headset, the mounting hardware, and the items supplied with the product. “Accessories” refers to NUVIZ approved accessories used with the product.

Information in this document may be changed. NUVIZ reserves the right to change or improve its products and to make changes in the documentation without notice of such changes or improvements. Please refer to the User Guide and www.rideNUVIZ.com/support for additional important information on the use and operation of NUVIZ products, accessories, and any services NUVIZ offers. The NUVIZ website (www.rideNUVIZ.com) may contain updates and supplemental information concerning the use and operation of NUVIZ products and accessories. Updates and supplemental information concerning the use and operation of NUVIZ products and accessories may also be available through the mobile NUVIZ application.

DISPUTE RESOLUTION – US CUSTOMERS

Any controversy or claim arising out of or relating to your use of any NUVIZ products, accessories or services (including any claim involving NUVIZ or its affiliates, subsidiaries, employees, contractors, officers, directors, telecommunication providers and content providers) shall be settled in your individual capacity, and not as a plaintiff or class member in any purported class action or representative proceeding, by arbitration administered by the American Arbitration Association under its Commercial Arbitration Rules conducted in San Diego County, California, and judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. You consent to jurisdiction of the state and federal courts of California for enforcement of this arbitration provision.

DISPUTE RESOLUTION – EUROPEAN AND OTHER THAN US CUSTOMERS

The district court in Helsinki, Finland shall have non-exclusive jurisdiction to deal with any controversy or claim arising out of or relating to your use of any NUVIZ products, accessories or services (including any claim involving NUVIZ or its affiliates, subsidiaries, employees, contractors, officers, directors, telecommunication providers and content providers) and they shall be resolved by the district court in Helsinki, Finland.

PRODUCT SAFETY & WARNINGS

Obey Laws and Regulations

Abide by all local laws when using NUVIZ products, accessories and services, including all privacy laws, which may restrict recording in certain areas. Local laws may also prohibit riding motorcycles while wearing headsets.

For Ages 18 and Older

NUVIZ is only for driver-users with legal licenses to operate their respective vehicle (e.g. motorcycle, car, snowmobile, or all-terrain vehicle) and who have reached the age of majority in their state, province, or country of residence. For example, in the United States of America, that means 18. Passengers using NUVIZ need not have a license, but must have reached the age of majority in their state, province, or country of residence. In no event should anyone under the age of majority in their state, province, or country of residence, operate NUVIZ.

Drugs and Alcohol

Do not use any NUVIZ products under the influence of drugs or alcohol, including prescription medications.

Safety Instructions

Exercise caution when using NUVIZ products. Always be aware of your surroundings to avoid injury to yourself and others.

Choose a helmet that meets the applicable safety standard. Use care in selecting the right helmet for your particular sport or activity and make sure that it fits you properly.

Inspect your helmet to ensure that it is in good condition and follow the helmet manufacturer's instructions, including those about safe helmet use. Never use a helmet that has sustained a major impact; immediately replace any helmet that sustains a major impact. No helmet can protect against injury in every accident.

Never modify your helmet. It is very dangerous to drill holes or to cut the shell and/or the shock absorbing liner. Modification can seriously weaken the helmet.

Always attach NUVIZ securely to your helmet following the instructions so it does not interfere with or obstruct the rider's view of the road.

Do not attach the NUVIZ controller in such a way that it interferes with the vehicle's operating controls but remains easy to access and use.

NUVIZ is designed for mounting on the chinbar of full-face helmets or flip-up/modular helmets. Do not ride with an open flip-up chinbar. Close the flip-up chinbar properly and check that it is locked securely before riding. Driving with an open flip-up chinbar is not allowed. Never ride with an open face shield. Riding without the face shield or with an open face shield can result in injury to the eyes and face.

For your safety and the safety of others, always prioritize safety when riding. Do not become distracted by your NUVIZ products or accessories while riding, and always pay close attention to all riding conditions. Minimize the amount of time spent viewing the NUVIZ display or using NUVIZ while riding. Do not input destinations while riding. Do not adjust settings or access device functions requiring extended use of the device controls while riding. Instead, safely and legally park before attempting such operations. When using NUVIZ for navigation, carefully compare information displayed on the NUVIZ display to other sources such as road signs, possible changes in roads, road conditions, traffic congestion, weather and other factors that may have an impact on your safety while riding. Always resolve any discrepancies before continuing navigation. Prioritize posted road signs and road conditions.

NUVIZ is designed to provide assistance and route suggestions, but it is not a replacement for rider attentiveness and good judgement. Never follow route suggestions if they suggest an unsafe or illegal maneuver or would lead to an unsafe situation.

Avoid high volume levels. Using the headset with loud or high volume may be harmful to your ears and cause hearing damage or loss. High volume levels may also prevent or distract you from hearing traffic and cause an accident. Always make sure you can hear your surroundings.

Maintenance

Keep NUVIZ clean. Do not clean NUVIZ products with solvents, toxic chemicals or strong detergents as they may damage your NUVIZ products and void the warranty.

Only store NUVIZ on flat surfaces. Do not drop or shock NUVIZ products. Never clean NUVIZ while riding a motorcycle or operating a vehicle. Always wait until safely parked.

Do not store NUVIZ near magnetic fields. NUVIZ may malfunction or the battery may discharge from exposure to magnetic fields.

For long periods of storage, keep the battery between 59°F (15°C) and 77°F (25°C). NUVIZ products can be used in locations with an ambient temperature of 32°F (0°C) to 95°F (35°C). Using or storing NUVIZ products outside of the recommended temperature ranges may damage the products, reduce the battery's capacity, or reduce the battery's lifespan. NUVIZ products with a battery outside the optimal temperature range (either too hot or too cold) may not work temporarily.

Do not store NUVIZ products in very hot areas such as inside a car in the summertime. Doing so may result in damage to the device or cause the battery to explode.

Do not store NUVIZ products with metal objects, such as coins, keys, and necklaces. If the battery comes into contact with metal, this may cause a fire or your battery or NUVIZ may be scratched or malfunction.

Battery performance will reduce over time. When your charger is not in use or battery fully charged, unplug it. Leaving a fully charged battery in a charger may damage the battery over time.

The battery may malfunction if not used for an extended period. Over time, an unused battery will discharge and must be recharged before use. Disconnect the charger from power sources when not in use. Follow all instructions in the User Guide to ensure the longest lifespan of your NUVIZ and battery.

Damage or poor performance caused by failure to follow warnings and instructions voids the warranty. NUVIZ may wear out over time. Some parts and repairs are covered by the warranty within the validity period, but damages or deterioration caused by using **UNAPPROVED** accessories or due to other owner misuse are not.

 WARNING: TO REDUCE RISK OF EXPLOSION, ONLY USE MANUFACTURER RECOMMENDED BATTERY.

Never replace a rechargeable battery with non-rechargeable battery. Using another battery

presents a risk of fire, explosion, or other hazard, and will invalidate an applicable warranty. To purchase a replacement battery, visit www.rideNUVIZ.com. If you believe the battery or charger is damaged, discontinue using the battery immediately. Never use a damaged battery or charger.

Dispose of a used battery according to the instructions. DO NOT dispose of the battery in a fire as it may explode. Obey all local regulations and recommendations regarding disposal of the battery. Do not dispose of the battery as household garbage. Please separate the battery from other types of waste and recycle it responsibly to promote the sustainable reuse of material resources.

⚠ WARNING: This product can expose you to chemicals, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

⚠ WARNING: When charging NUVIZ or replacing batteries, do not handle the battery, plug, or charger with wet hands. Failure to observe this precaution could result in electric shock.

⚠ WARNING: The contents of the battery contain toxic substances. Do not cut, dismantle, crush, bend, puncture, or otherwise damage the battery in any manner. If a battery leaks, do not handle the battery and do not let liquid touch skin or eyes. If this happens, immediately flush the affected areas with water, and seek medical help. Do not modify, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids. The battery may explode if damaged.

Keep out of reach of children.

Keep the battery away from children and pets.

DO NOT take the batteries on a plane, either in checked baggage or in carry-on luggage.

Do not charge the battery during a lightning storm.

Always store and use the device with any covers attached. Turn the device off and disconnect the charger before removing any covers or removing the battery.

Do not use a sharp object to remove the battery. Do not disassemble or modify the device as it may damage it and will invalidate the warranty. To unplug a charger or an accessory, hold and pull the plug, not the cord.

Modifications

Do not attempt to modify or repair NUVIZ products, or replace any of the components. This will void any warranty and can lead to malfunction.

Allow only qualified personnel to service your NUVIZ products. Allowing unqualified personnel to service your NUVIZ products may result in damage to your products and will void your manufacturer's warranty.

ONE YEAR LIMITED WARRANTY

NUVIZ, Inc. warrants that for a period of one (1) year from original date of purchase, NUVIZ will be free from defects in materials and workmanship under normal use. In the event of a defect,

please contact NUVIZ Customer Support (www.rideNUVIZ.com/support) for assistance. NUVIZ Inc.'s exclusive obligation under this warranty will be, at its option, to repair or replace NUVIZ. This warranty does not apply to products damaged by misuse, accident, or normal wear and tear. This warranty does not apply to products damaged by the customer's failure to follow product instructions or the customer's use with any associated or complementary equipment or software not furnished by NUVIZ or NUVIZ, Inc. Damage resulting from use with non-NUVIZ batteries, power cables, or other battery charging/recharging accessories or devices is also not covered by this or any warranty.

ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THIS WARRANTY. NUVIZ, INC. DISCLAIMS ALL OTHER EXPRESSED OR IMPLIED WARRANTIES OR CONDITIONS. **TO THE EXTENT NOT PROHIBITED BY LAW**, IN NO EVENT WILL NUVIZ, INC.. OUR DIRECTORS, OFFICERS, EMPLOYEES, SUBSIDIARIES, AFFILIATES, AGENTS, CONTRACTORS, INTERNS, SUPPLIERS, SERVICE PROVIDERS OR LICENSORS, BE LIABLE FOR ANY LOSS OF DATA, REVENUE OR PROFIT, REPLACEMENT COSTS, OR FOR ANY SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED, ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE THE PRODUCT, EVEN IF NUVIZ, INC. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL NUVIZ, INC.'s LIABILITY EXCEED THE AMOUNT PAID BY YOU FOR THE LOWER OF THREE MONTHS OF NUVIZ SERVICES OR NUVIZ.

This limited warranty applies only to the original purchaser of NUVIZ and cannot be assigned or transferred to any subsequent purchaser. The warranty becomes effective on the initial date of purchase and it expires when the warranty term expires. However, in addition to the exclusions set forth above, the warranty will terminate prematurely in any situation where NUVIZ has been sold to a third party, the product markings have been modified or removed, or NUVIZ has been repaired, disassembled, or modified by an unauthorized person.

European Union Consumers: For a period of two (2) years from the original date of purchase of NUVIZ, free of charge, NUVIZ, Inc. provides a limited manufacturer's guarantee to the end customer. This shall not limit any consumer rights which you have under consumer law; instead it grants you additional rights. The guarantee is governed by the following terms and conditions. NUVIZ, Inc. guarantees that for a period of two (2) years from the original date of purchase, NUVIZ will be free from defects in materials and workmanship under normal use and provided it has been used in accordance with the instructions in the relevant NUVIZ User Guide found at www.rideNUVIZ.com/support. In the event of a defect, please contact NUVIZ Customer Support at www.rideNUVIZ.com/support for assistance and be prepared to present the original purchase receipt. NUVIZ, Inc.'s sole obligation under this guarantee will be, at its option, to repair or replace the defective product. This guarantee does not apply to products damaged by misuse, accident, or normal wear and tear. This guarantee does also not apply to products damaged as a result of repair works not performed by NUVIZ, Inc. or an authorized NUVIZ dealer.

WARRANTY REPLACEMENT PROCEDURE

NUVIZ, INC. provides the warranty service solely through the sales channels where the purchase was made. Further information of the warranty procedure is available at the NUVIZ website www.rideNUVIZ.com.

In the event of doubt, please contact NUVIZ support at www.rideNUVIZ.com and click

SUPPORT.

Limited warranty service may be obtained by delivering NUVIZ to NUVIZ, Inc. or to the distributor it was purchased through. A proof of purchase or dated receipt is required. In transporting the device for service, Customer agrees to insure NUVIZ or assume the risk of loss or damage in transit, to prepay shipping charges to NUVIZ, and to use the original shipping container or equivalent.

WAIVER

By using NUVIZ, you waive some legal rights as detailed fully in the Terms of Service and highlighted herein. Please read this Legal Guide and the Terms of Service carefully before using NUVIZ products and services. Use of the NUVIZ products and services means you agree to all provisions in this Legal Guide and the NUVIZ Terms of Service. If you do not agree and consent to all the provisions in the Legal Guide and Terms of Service, please return NUVIZ for a refund in accordance with the above-noted instructions.

THIRD PARTY TRADEMARKS AND ITEMS

Bluetooth® is a registered trademark of Bluetooth SIG, Inc. worldwide.

Android® is a registered trademark of Google Inc.

iPhone® and iPad® are trademarks of Apple Inc., registered in the United States of America and other countries.

The Global Positioning System (GPS) and Global Navigation Satellite System (GLONASS) systems are satellite based systems that provide location and timing information around the globe. GPS is operated and controlled by the Government of the United States of America, which is solely responsible for its availability and accuracy. GLONASS is operated and controlled by the Government of Russia, which is solely responsible for its availability and accuracy. Changes in GPS or GLONASS availability and accuracy or in environmental conditions may have an impact on the operation of this device.

NUVIZ Inc., its directors, officers, employees, subsidiaries, affiliates, agents, contractors, interns, suppliers, service providers, and licensors disclaim any liability for the availability and accuracy of GPS or GLONASS.

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NUVIZ and Connecting Riders are trademarks or registered trademarks of NUVIZ, Inc. in the United States of America and internationally. All other trademarks, registered trademarks, and copyrights are the property of their respective owners.

REGULATORY INFORMATION

This product is RoHS compliant.

To see a complete and up-to-date list of country certifications, please visit www.rideNUVIZ.com/support.

European Union notice



NUVIZ, Inc. hereby declares that the radio equipment type NUVIZ is in compliance with EU Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
www.rideNUVIZ.com/support.

Federal Communications Commission (FCC)

Statement 15.105(b)

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 instructions, 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 the 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 a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

15.19

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference and
- 2) this device must accept any interference received, including interference that may cause undesired operation of the device.

15.21

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

SAR

This device has been tested and meets applicable limits for radio frequency (RF) exposure. Specific Absorption Rate (SAR) refers to the rate at which the body absorbs RF energy. SAR

limits depend on whether the device is used against the head or on the wrist. The SAR limit is 1.6 watts per kilogram averaged over 1 gram of tissue for use against the head and 4.0 watts per kilogram averaged over 10 grams of tissue for use against hand in countries that follow the United States of America FCC limit. The SAR limit is 2.0 watts per kilogram averaged over 10 grams of tissue for use against the head and 4.0 watts per kilogram averaged over 10 grams of tissue for use against hand in countries that follow the Council of the European Union limit.

During testing, the radios of this device are set to their highest transmission levels and placed in positions that simulate use against the head, with 4 mm separation, and on the hand, with no separation. When installing this device on your helmet, choose the helmet with at least 4 mm of separation between the device and your head to ensure exposure levels remain at or below the as-tested levels.

FCC/IC

Equipment class	Frequency band	Highest SAR summary	
		Head (Separation 0mm)	Extremity (Separation 0mm)
		1g SAR (W/kg)	10g SAR (W/kg)
DTS	2.4GHz WLAN	0.44	0.06
DSS	Bluetooth	0.06	0.02

CE

Frequency band		Highest SAR summary	
		Head (Separation 0mm)	Extremity (Separation 0mm)
		10g SAR (W/kg)	
WLAN	2.4GHz WLAN	0.211	0.084

Industry Canada Statement

This device complies with Industry Canada license-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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage

radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.