



Parklio™ Gateway

USER MANUAL

Table of Contents

1. Foreword	3
1.1. Overview.....	4
2. Warnings and General Precautions	5
2.1. Safety Instructions.....	6
2.2. Installation Warnings.....	7
3. Package Contents	8
4. Gateway Overview	10
5. Technical specification	13
6. Installation	15
6.1. Wall Mount.....	16
6.2. Pole Mount.....	20
6.3. Power Connector.....	22
6.4. Ethernet Connector.....	24
7. Gateway Setup	27
7.1. Powering On.....	28
7.2. Hardware Reboot.....	28
7.3. Installing Parklio Connect.....	28
7.4. Gateway Assignment to Parklio Account.....	29
7.5. Unassigning the Gateway.....	32
8. Web Interface	34
8.1. Dashboard.....	35
8.2. Network.....	37
9. Disposal of the Device	40
10. Declaration of Conformity to EMC, LVD and ERM Directives	41
11. Declaration of Conformity to FCC	42
11. Declaration of Conformity to ISED	44

1. Foreword

Thank you for purchasing Parklio™ Gateway. The Parklio Gateway, made using cutting-edge technology, has passed rigorous quality control methods to guarantee its excellence.

This user manual is intended to provide you with all the necessary information to ensure the proper installation, operation, and maintenance of your gateway. Inside, you will find detailed, step-by-step instructions accompanied by illustrations to guide you through the setup process. Additionally, we've incorporated important safety precautions to keep in mind while using the product.

Please be aware that the information in this manual is subject to possible revisions without prior notice. To ensure you have the most up-to-date information, we kindly request that you visit our official website regularly.

Attention!

- **Read the user manual and technical sheet before installing and using the Parklio Gateway.**
- **Always follow the safety instructions.**
- **Keep this user manual at hand for future reference.**



1.1. Overview

Within this manual, you will gain insight into the Parklio™ Gateway, a pivotal component in the Parklio ecosystem. The Gateway serves as an intermediary connecting your Parklio™ Parking Barriers with remote control functionality.

Its primary role involves facilitating data exchange and communication between the Barrier products while providing real-time updates on parking space occupancy. Tailored for environments with a significant number of parking spaces and a consistent user flow, the Gateway offers effective remote control for both lot operators and users, regardless of their physical location.

One Gateway can control up to 20 Parklio Parking Barriers or 4 Parklio Gates/Chain/Bollards/Brains.

Key Features:

- **Real-time Parking Information:** Receive up-to-date parking occupancy insights.
- **Simplified Installation:** Streamlined setup process for convenient implementation.
- **Versatile Control:** Capable of overseeing up to 20 parking barriers.
- **Extended Control Range:** Able to manage parking barriers within a diameter of up to 50 meters.

This manual will guide you through the functionalities, installation process, and optimal use of the Parklio™ Gateway, ensuring efficient control and monitoring of your parking Barrier network.

2. Warnings and General Precautions

This section offers safety guidelines to keep you safe from harm or property damage. All warranties will be voided if these instructions are not followed.

PARKLIO (PARKLIO D.O.O.) RESERVES THE RIGHT TO MODIFY THE DEVICE WITHOUT NOTICE. PARKLIO (PARKLIO D.O.O.) DISCLAIMS ALL LIABILITY FOR ANY DAMAGE OR INJURY TO PEOPLE OR THINGS CAUSED BY IMPROPER USE OR WRONG INSTALLATION.

THE PRODUCT WAS MADE IN ACCORDANCE WITH ALL IMPORTANT SAFETY CRITERIA AND STANDARDS. CHILDREN, PERSONS WITH DISABLED PHYSICAL, MOTOR, OR PERSONAL EQUALITY, AND RELATED PEOPLE WITHOUT PREVIOUS EXPERIENCE OR KNOWLEDGE SHOULD NOT USE THE PRODUCT WITHOUT THE REQUIRED HELP AND SUPERVISION.

EXCEPTION: DEVICE USE UNDER ADEQUATE SUPERVISION, IF THEY HAVE RECEIVED SAFETY INSTRUCTIONS AND TRAINING, OR IF THEY HAVE BEEN INFORMED ABOUT THE DANGER CAUSED BY IMPROPER USE. THE SAME RECOMMENDATION APPLIES TO JUVENILE USAGE OF THE DEVICE.

CHILDREN SHOULD NOT BE ALLOWED TO PLAY WITH THE DEVICE. DO NOT ALLOW CHILDREN TO CLEAN, USE, OR MAINTAIN THE DEVICE.

2.1. Safety Instructions

This section contains safety instructions that will help protect you from risk of injury or property damage. Failure to follow these instructions will invalidate all warranties.

Do not use the gateway if you have not read and understood the operating instructions.

Before first use, make sure that all the parts listed in these instructions are inside of the original packaging.

Only plugs, batteries, chargers, and other spare parts, supplied by the manufacturer of the product should be used. The **use of non-manufacturer-provided components results in warranty termination.**

Ignoring use instructions, as well as inappropriate installation and use of the gateway, may result in gateway damage or user injury. Always have instructions on hand.

Never expose the inner workings to water.

The device and external supply must be disconnected from power supply during installation, maintenance, cleaning and repairs.

Leave the product repairs to a specialist. Improper repairs may lead to an accident or a malfunction in the unit.

For appropriate installation and connection to the electrical network, strictly adhere to the instructions.

The installer must provide a device (e.g., a magnetothermic switch) that ensures the equipment's omnipolar separation from the power supply. The requirements specify a contact separation of at least 3 mm on each pole (EN 60335-1).

The warranty excludes consumable device components, color fading, and chipping, increased noise as a consequence of device age, and other cosmetic impacts that do not impair the product's operation or safety.

2.2. Installation Warnings

Because installation includes mechanical and electrical abilities, it should only be performed by competent professionals who can give the Compliance Certificate for the whole installation.

During installation, maintenance, cleaning, and repairs, the device and external power source must be separated from the power supply.

The upstream electric system must adhere to current laws and regulations.

Install the product only in non-explosive surroundings and atmospheres; the presence of flammable gases or vapors poses a major safety risk.

3. Package Contents

Within this manual, you will gain insight into the Parklio™ Gateway, a pivotal component in the Parklio ecosystem. The Gateway serves as an intermediary connecting your Parklio™ Parking Barriers with remote control functionality.

Its primary role involves facilitating data exchange and communication between the Barrier products while providing real-time updates on parking space occupancy. Tailored for environments with a significant number of parking spaces and a consistent user flow, the Gateway offers effective remote control for both lot operators and users, regardless of their physical location.

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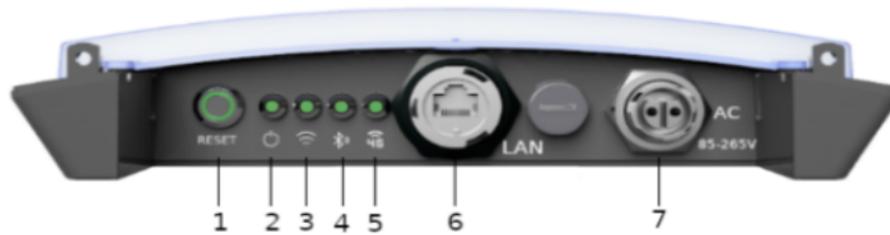
The product package contains the following items:

	1 x Parklio™ Gateway
	1 x Waterproof power connector
	1 x Ethernet cable waterproof connector
	1 x Pole mount bracket
	1 x Pole mount hose clamp
	4 x M4 screws
	QR Code stickers (UUID, MAC address and password)

If any of the parts are incorrect, missing, or damaged, please contact Parklio support. Keep the original packaging in case you need to return the product.

NOTE: RJ45 connector for the Ethernet port is not provided
The wall plugs and screws are not provided.

4. Gateway Overview



Status and connector panel

1	Reset Button	Hold to reset the gateway. Short press to enter 'Connection' mode. On - The LED ring indicates there is power supply to the gateway. Off - The gateway is powered off. Blinking - The gateway is upgrading or the Reset button was pressed.
2	 Power	See gateway status table below for additional information.
3	 Ethernet	
4	 Bluetooth	
5	 4G connection	
6	Ethernet port	LAN port for Internet connectivity
7	AC port	Power supply connector

Status LED and connector description

NOTE: The Parklio Gateway does not have PoE capability.

				Description
OFF	OFF	OFF	OFF	The gateway is booting up.
ON	OFF	OFF	OFF	No network connection.
ON	ON	OFF	X	Network connection established. There is no connection to Parklio servers, check network and firewall settings.
ON	ON	OFF	ON	The gateway started up successfully, GSM connection established, there is no connection to Parklio servers.
ON	OFF	OFF	ON	The gateway started up successfully, GSM connection established, there is no internet connection. Check APN settings or mobile network provider.
ON	BLINK	X	X	Network error / connection lost - please check the network connection.
ON	X	BLINK	X	There is an internal error, check error log.
ON	ON	ON	X	Gateway operational.
BLINK	BLINK	BLINK	BLINK	The gateway is in <i>Connection</i> mode.

ON - The LED is on.

OFF - The LED is off.

X - The LED is either ON or OFF.

BLINK - The LED is flashing.

The rear side of the Gateway features a label displaying the gateway's UUID (Unique ID / Serial Number), which serves as an identifier for the unit. This serial number plays a vital role in incorporating the gateway into your user account and gaining access to the gateway's web user interface.

[FAQ](#)

www.parklio.com

info@parklio.com

+385977247276



Positioned beneath the QR code on the same label is the gateway's MAC address. A duplicate of this label is enclosed within the gateway's packaging. Alongside the UUID and MAC address, these labels also store the passwords for the gateway's web interface. It is recommended to retain these labels for potential future use.



5. Technical specification

Parameter	Value
Input voltage	85 VAC ~ 264 VAC 120 VDC ~ 370 VDC
Frequency	47 Hz ~ 440 Hz
AC Current (Typ.)	0.15 A / 230 VAC (1)
Inrush current	40 A / 230 VAC
Working temperature range	-20 °C ~ +60 °C / -4.0 °F ~ 140.0 °F
Working humidity	Up to 90% RH
Operating altitude	1000 m / 3280.84 ft
Ingress rating	IP65
Dimensions	220 mm x 220 mm x 50 mm (H x W x D)/ 8.7 in x 8.7 in x 2.0 in (H x W x D)
Pole mount diameter	ø60 mm - ø100 mm / ø2.4 in - ø3.9 in
Weight	750 g / 26.46 oz
LED	4 status LED's
LAN	10/100BASE-T with waterproof connector
Wireless connectivity	BLE LTE with 3G/2G fallback
Software upgrades	Yes, automatic update checking via web
Antenna interface	Internal BT and 4G/3G/2G antennas

Color	Lava and white grey
Max supported devices	Max. 20 Parklio™ BLE devices can be associated with one gateway
Regulatory standards	EN60950-1:2006 + A1:2010 + A11:2009 + A12:2011 EN 300 328 EN 300 440 EN 301 489 - 1 EN 301 489 - 3 EN 301 489 - 17 EN 55024 EN 55032 EN 61000-6-3 EN 61000-3-2 EN 61000-6-2 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 EN 61000-4-11 EN 61000-3-3

(1) Parklio™ Gateway power supply input is protected with a 0.5 A 250 VAC fuse. The fuse is not user-replaceable.

Please refer to the [technical sheet](#) for a complete list of technical features.

6. Installation

Optimal placement of the Gateway is very important for correct system functionality. Try to position the Gateway as close to the products as possible.

Do not install the Gateway in an enclosed space such as a closet, cabinet, attic, office, or garage, if the Parklio products to be controlled by Gateway are located outside of these areas.

The operation of this equipment in a residential environment could cause radio interference!

The recommended installation height for the Gateway is 3 meters, with a maximum distance of 20 meters between it and other Parklio products and the absence of any obstructions between them. Keep the Parklio™ Gateway and other Parklio™ devices as free of obstacles as possible - each wall or ceiling restricts your Gateway range by 1 to 30 meters (3 to 90 feet). The Gateway is completely waterproof and resistant to external conditions, with operating temperature resistance in the range from -20 °C to +60.

Required tools and equipment:

- Slotted and cross-slot screwdrivers
- Electric Drill (if mounting to a wall)
- RJ45 Crimping Tool

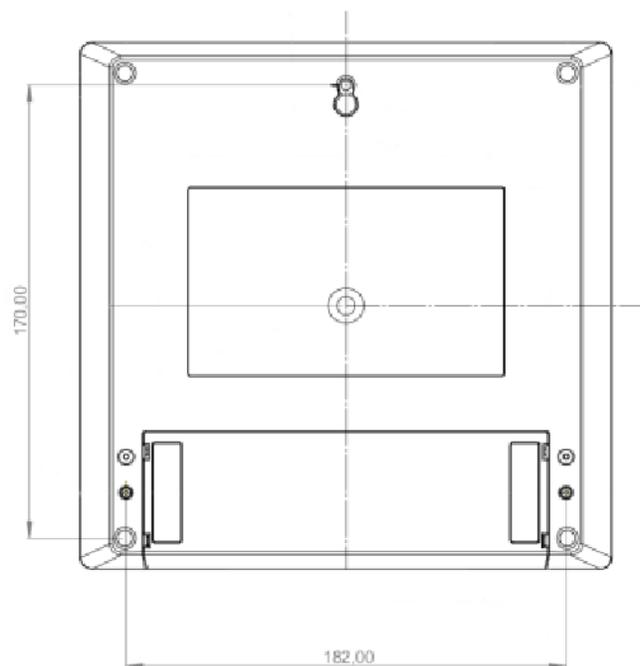


Do not install the product in explosive environments and atmospheres; the presence of inflammable gases and fumes is a serious safety hazard!

For mounting the gateway, you can choose either a wall mounting or pole mounting option.

6.1. Wall Mount

Dimensions for the wall mount:

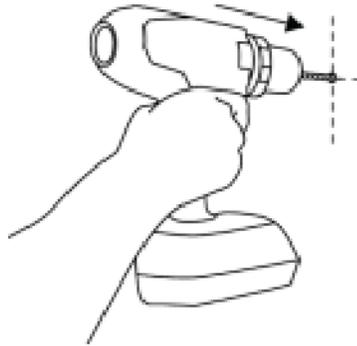


*The dimensions depicted in the image are presented in millimeters.

To mount the gateway to a wall, please follow the steps below:

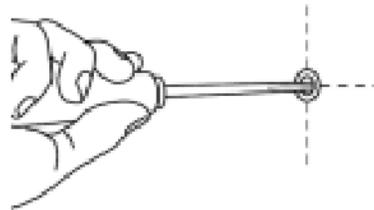
STEP 1. Drill the top center hole. Use an electric drill with a 6mm masonry bit to drill the hole at the desired spot.

NOTE: The drill bit size may vary depending on the type of wall plug used.

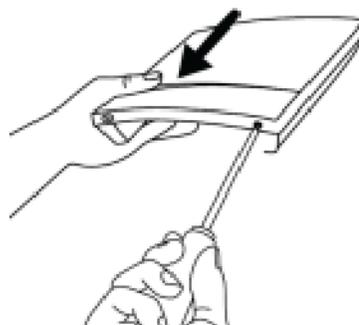


STEP 2. Place the 6mm wall plug into the drilled hole, screw the screw into the plug. Leave the screw head out by 5 mm, because the Gateway needs to be hung over it.

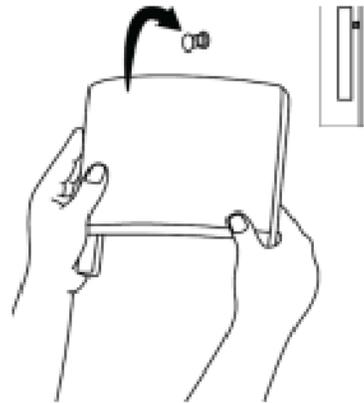
NOTE: Make sure to use wall plugs intended for the type of wall or surface you are installing the gateway on.



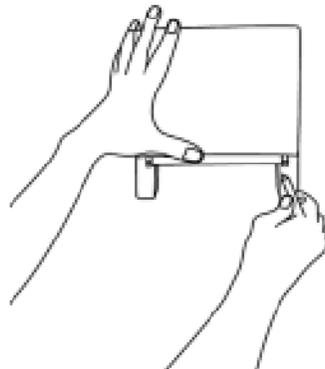
STEP 3. Unscrew the bottom cover of the Parklio Gateway and remove it.



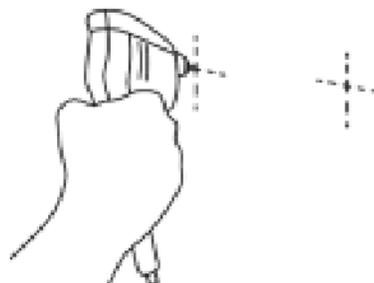
STEP 4. Hang the Parklio™ Gateway onto the mounted bolt.



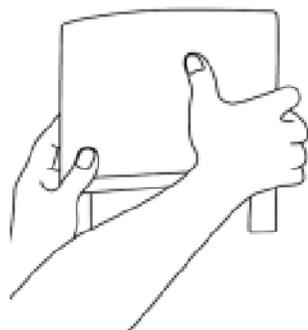
STEP 5. Mark the two holes initially positioned under the removed cover.



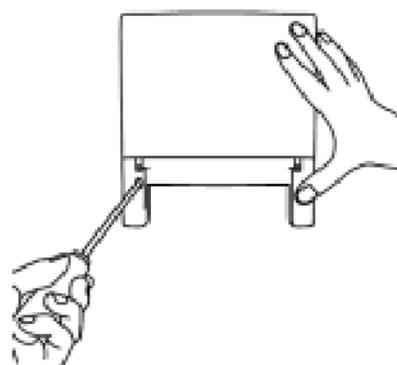
STEP 6. Remove the Gateway and drill the previously marked holes. Place the wall plugs into the drilled holes.



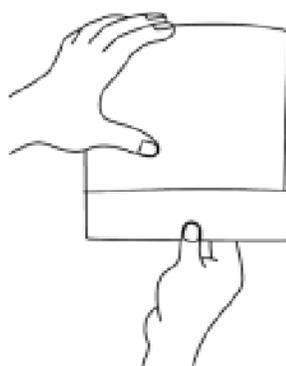
STEP 7. Hang the Gateway back onto the first screw.



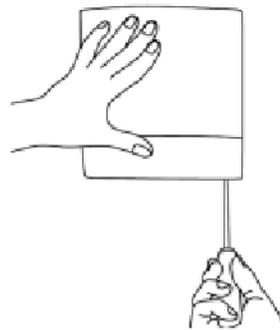
STEP 8. Tighten the screw into the wall plugs.



STEP 9. Place the plastic cover back.



STEP 10. Screw the bottom of the Parklio Gateway so that the plastic cover is fixed.

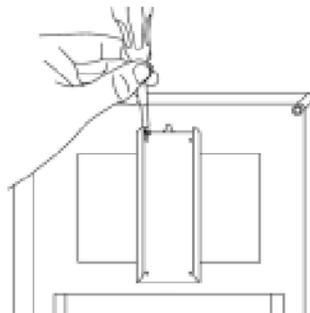


6.2. Pole Mount

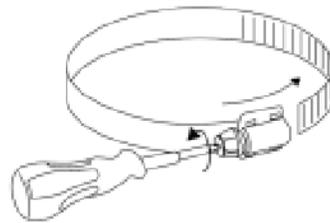
The gateway is mounted to a pole via a single hose clamp. The gateway comes with a clamp holder and four M4 screws for installing a hose clamp carrier to the gateway.

To mount the gateway to a pole, please follow the steps below:

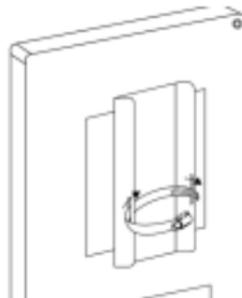
STEP 1. Position the pole mount holder so that the holes of the pole mount holder coincide with the holes on the back of the Parklio™ Gateway. Use the screwdriver and the provided M4 screws to fix the pole mount holder.



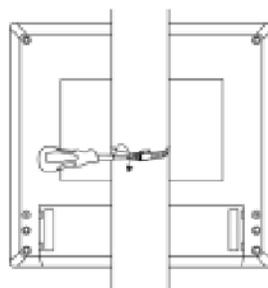
STEP 2. Unscrew the hose clamp.



STEP 3. Pull the hose clamp through the holes on the sides of the pole mount holder.



STEP 4. Wrap the desired spot on the pole with the hose clamp and use the screwdriver to tighten the hose clamp.

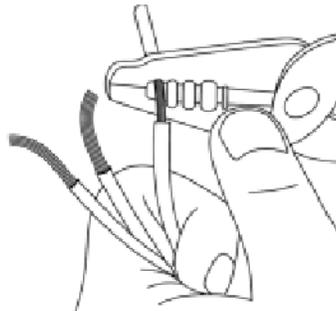


6.3. Power Connector

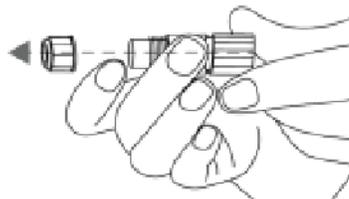
The supply circuit must have an all-pole mains switch (a circuit breaker used as a switch is acceptable). The mains power supply must be protected by a differential magneto-thermal switch complying with the law provision in force.

Before proceeding, ensure that the mains supply is disconnected. Subsequently, follow the steps outlined below:

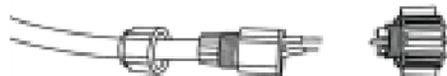
STEP 1. Strip the cable.



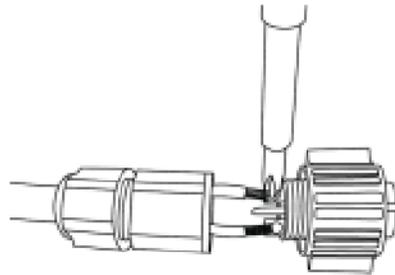
STEP 2. Unscrew the provided power connector.



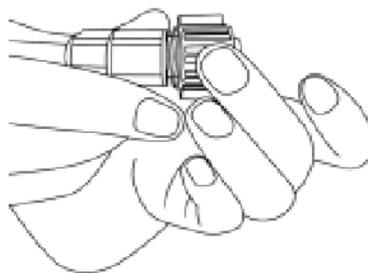
STEP 3. Pull the previously stripped cable through the power connector.



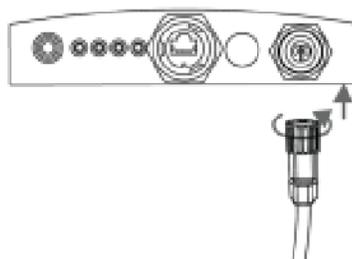
STEP 4. Insert the stripped wires into the terminals on the head of the power connector and screw them in place.



STEP 5. Tighten the all three parts of the power connectors.



STEP 6. Push the power connector into the power socket on the connection board and turn it clockwise to fix it.

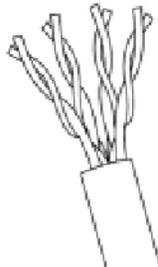


6.4. Ethernet Connector

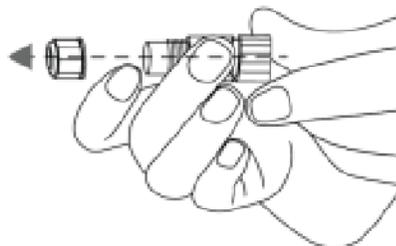
It is recommended to use a cable with a minimum of Cat5e rating for Ethernet. If the gateway is provided with a SIM card this step is optional. Parklio can embed a SIM card into the Gateway to enable connection to the Parklio server via 4G/3G/2G mobile network.

Follow these steps to properly connect the Ethernet cable:

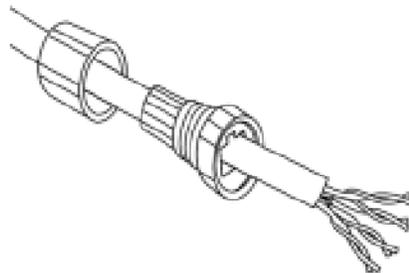
STEP 1. Strip the outer shield of the Ethernet cable.



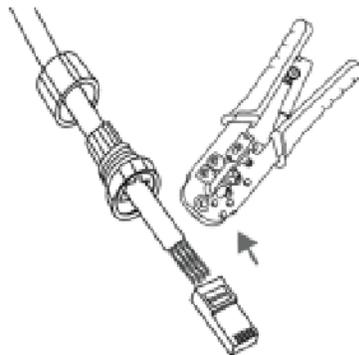
STEP 2. Unscrew the provided Ethernet connector.



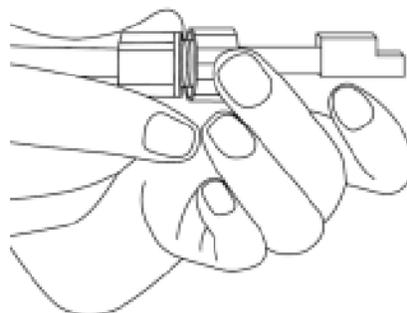
STEP 3. Pull the previously stripped ethernet cable through the Ethernet connector.



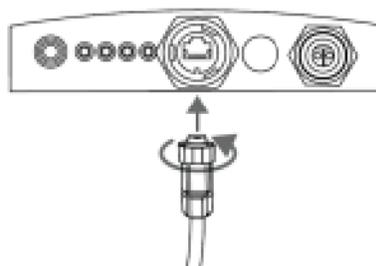
STEP 4. Strip the colored wires and organize them in the proper way. Use a crimping tool to crimp the RJ45 connector.



STEP 5. Tighten the Ethernet connector parts through which the Ethernet cable is routed.



STEP 6. Push the ethernet connector into the ethernet socket on the connection board and turn it clockwise to fix it.



7. Gateway Setup

Your Parklio gateways are factory-set with DHCP enabled, which allows them to configure their IP addresses, default gateways, and DNS settings. For your specific installation site's network connectivity, customer configuration is necessary. Detailed instructions for this process can be found in the Network Configuration chapter.

For gateways utilizing SIM-enabled cellular networks, pre-configuration for cellular connectivity will be provided based on your prior arrangement with the Parklio Engineering team.

If your network incorporates a firewall, you might need to enable gateway access to the required remote hosts. The list of services is provided below:

HOST	PROTOCOL / SERVICE	PORTS
api.parklio.com	TCP / HTTPS	443, 80
www.google.com	TCP / HTTPS	443, 80
connectivitycheck.gstatic.com	TCP / HTTPS	443, 80
time.android.com	UDP / NTP	123

NOTE: The hosts might correspond to several IP addresses, and these addresses have the potential to change unpredictably.

A set of video instructions is available on YouTube at the following link:

<https://www.youtube.com/watch?v=Mn1Y5POARps>.

7.1. Powering On

The Parklio Gateway will start and boot up automatically as soon as power is present. It may take a few minutes for the initial bootup of the device. When the device is booted, the Power LED will turn on.

7.2. Hardware Reboot

The button on the panel of the Parklio Gateway is dual purpose. To reboot the Gateway press and hold the button until the button LED turns off or in the PMS choose a Gateway that you wish to reboot by clicking on it and go to System Control and click on reboot. The reboot process may take a few minutes.

7.3. Installing Parklio Connect

In order to add the gateway to your Parklio account please download the Parklio Connect application. If you already have the application installed, skip this step.

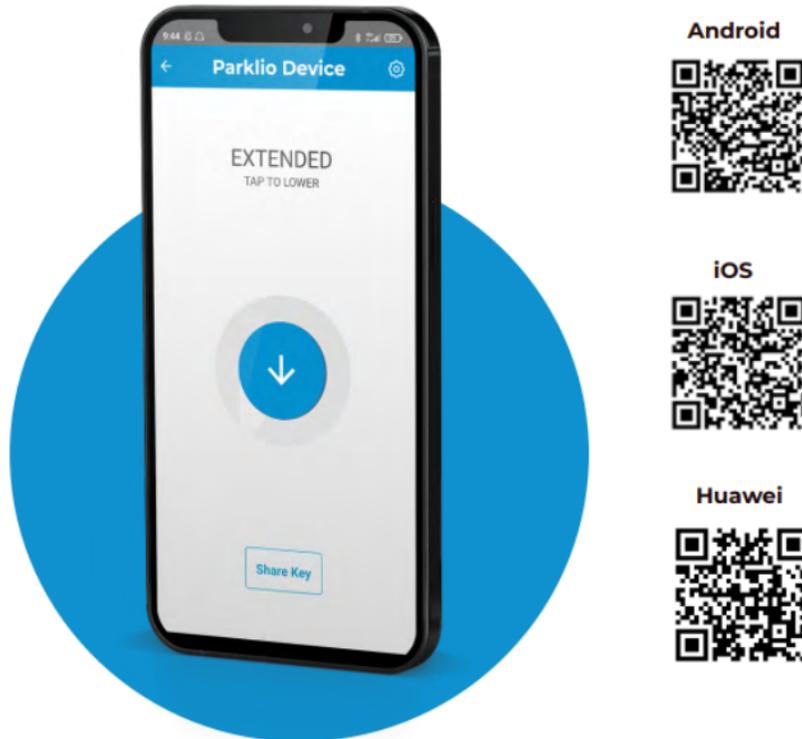
The application can be downloaded on the following links:

Android - <http://bit.ly/2iMkIn5>

iOS - <https://apple.co/2iaV7aA>

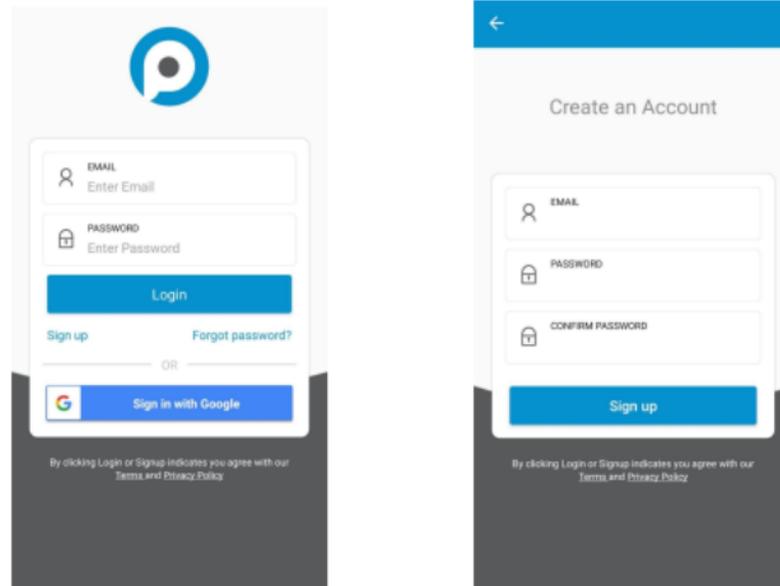
Huawei - <https://urldre.cloud.huawei.com/mCe8Pn0uD6>

Or by scanning the following QR codes:



7.4. Gateway Assignment to Parklio Account

To configure the Parklio Gateway using Parklio Connect, the user should be logged in. This can be achieved by signing in with your designated Parklio PMS account credentials. Enter your PMS email and corresponding password into the provided fields, then proceed by clicking the "Login" button.

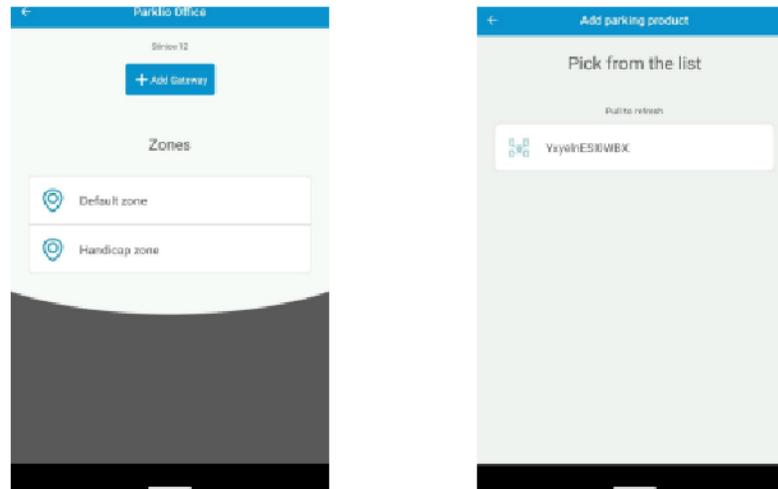


For the addition of the Parklio Gateway via the Parklio Connect mobile application, the Gateway itself must be set to 'Connection' mode.

Begin by selecting the appropriate lot, then tap on the "+ Add Gateway" option. This action opens the "Add parking product" screen, and your smartphone initiates a scan for nearby Gateways.

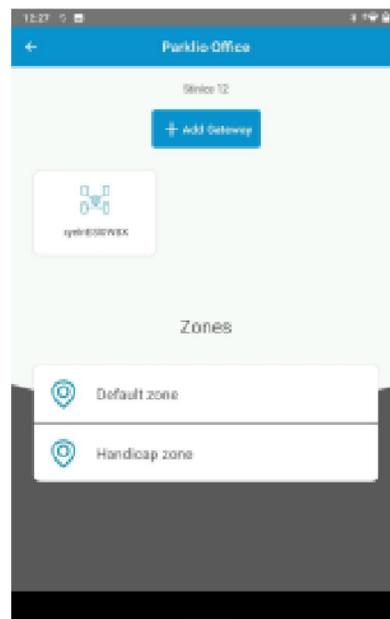
Ensure you are in close proximity to the specific Parklio device you are adding during this step.

Note: The recommended sequence is to add the Gateway first, followed by other devices.



Locate the desired gateway from the device list and select it. The device name will be denoted by the capital letter 'Y' followed by the gateway's UUID. For instance, if the UUID is "xyelnESI0WBX," the device will be labeled as "YxyelnESI0WBX."

Upon a successful setup, the device will be visible under the "+ Add Gateway" button within the designated parking lot.



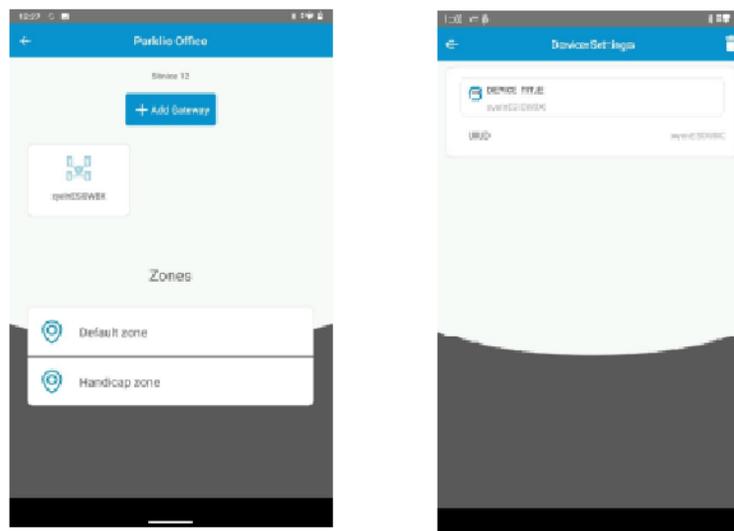
7.5. Unassigning the Gateway

To move the Gateway to a new lot or Parklio account, it must first be disconnected from the present account. The Gateway is originally unassigned and does not have a specific parking lot. However, it's important to note that the Gateway cannot be assigned to a new lot before it has been unassigned from its previous association.

There are two options for unassigning the Gateway:

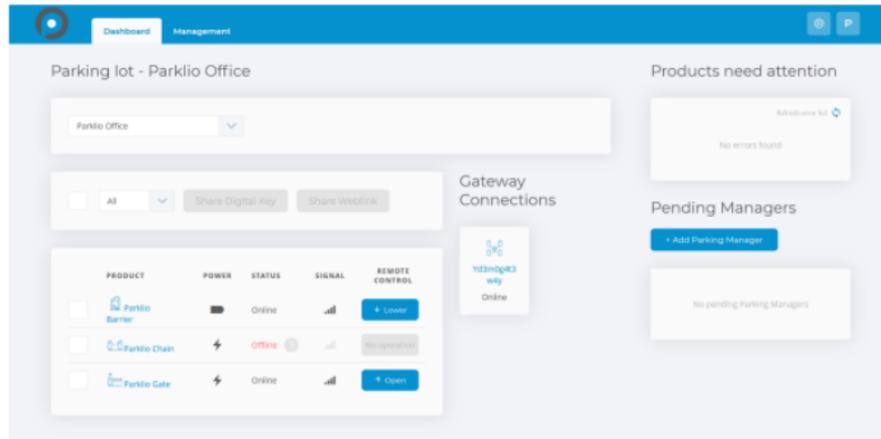
→ **Unassigning using Parklio Connect**

To remove the Gateway from a particular lot using Parklio Connect, first start the app and go to the lot where the Gateway was initially added. Access the gateway Device Settings screen by clicking on the respective gateway. Once on this screen, locate and click on the remove icon situated in the upper right corner. After confirming the removal, the Gateway will be successfully removed from the lot and will be available for assignment to other lots.

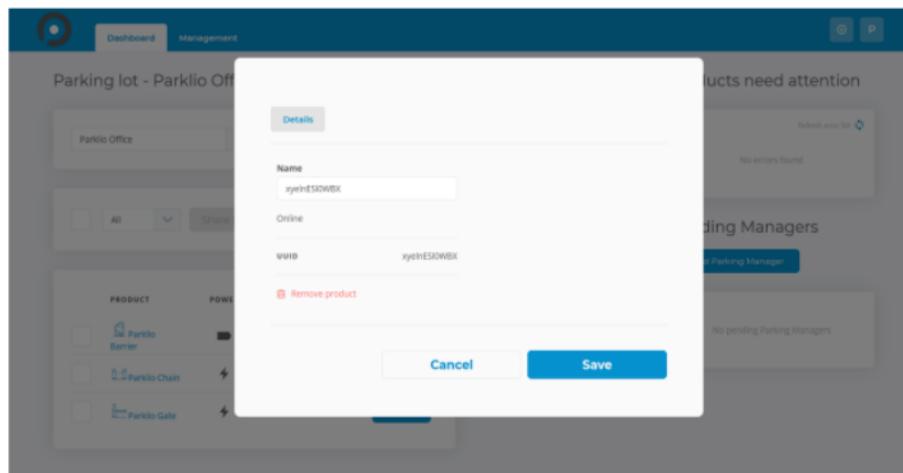


→ **Unassigning from the Parklio PMS**

If the Gateway is added to a Parklio PMS account it can be unassigned via the PMS interface. Login into the Parklio PMS and select the parking lot with the Gateway you wish to unassign.



Click on the Gateway you wish to remove in the Gateway Connections section. Subsequently, a popup window featuring gateway settings will appear.



Click on the "Remove product" button, followed by confirming your intent to remove the Gateway.



Do not delete the Parking lot before unassigning the gateway, as it will render the gateway inaccessible until the development team manually resolves the issue!

8. Web Interface

The Parklio Gateway has a built-in web interface for managing gateway settings.

By default, the unit is set to acquire an IP address from a DHCP server. The Gateway's hostname will be denoted as PGATE_UUID, with UUID representing the gateway's unique identifier.

In scenarios where the DHCP server is inaccessible, the unit will autonomously configure itself with an internally assigned IP address in the 192.168.0.x/24 subnet.

To access the web interface of the product, simply use a browser to connect to **http://ipAddress:8765** , where ipAddress is the gateway's IP address. When logging in to the gateway interface, an ID and password will be required.

The username corresponds to the gateway UUID, while the password for the web interface can be located on the stickers provided in the packaging.



8.1. Dashboard

The homepage of the web interface displays the gateways status, events log, the hardware and firmware versions.

→ **Gateway status [1]:**

Displays the Bluetooth and server status as well as if the Gateway is online and has its credentials set.

→ **Reboot option [2]:**

Reboot the Gateway to simply press the Reboot Gateway button. This will send the command to the Gateway to reboot.

Note: that during the reboot the web interface will go offline

→ **Upgrade software [3]:**

In the gateway settings tab on the web interface it is possible to manually update the gateways firmware if required. To update the gateway browse to the firmware update file provided by Parklio and click on Upload file.

→ **Gateway Information [4]:**

Contains the hardware, software and application version.

→ **Time [5]:**

Shows Gateways internal date and time with the system time.

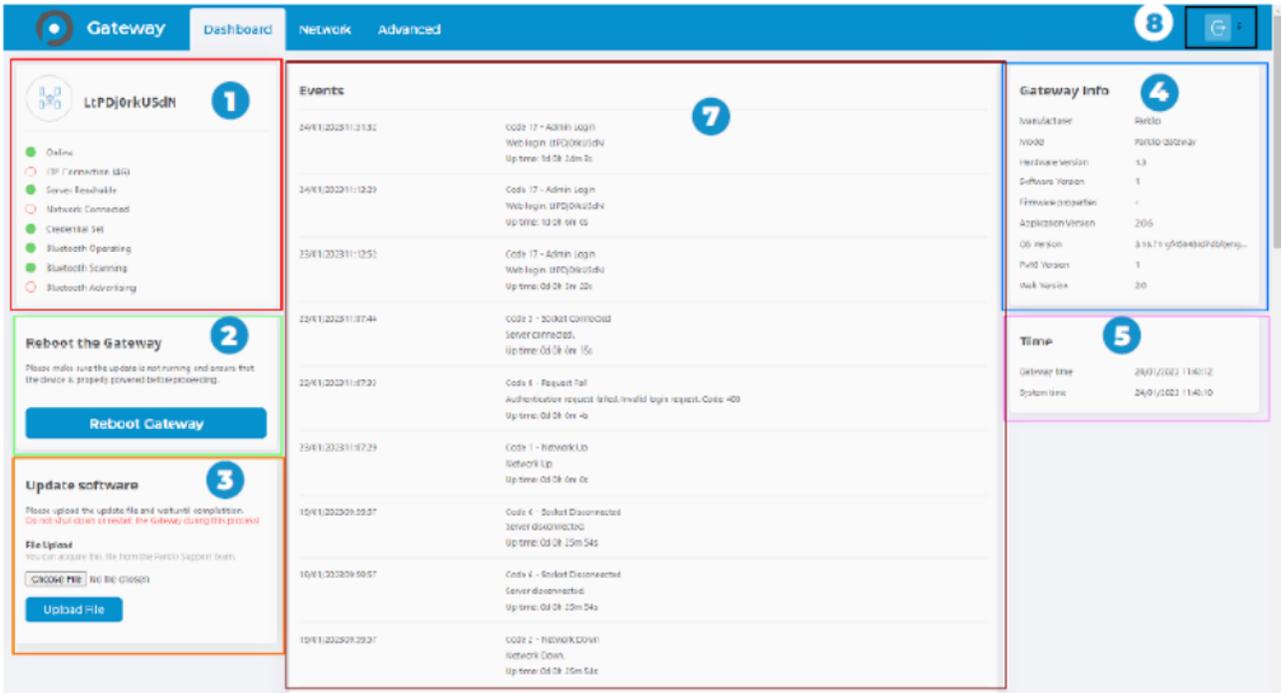
→ **Logout [6]:**

This button is placed on all the web interfaces tabs and is used to logout out of the interface.

Note: 15 minutes after logging into the interface the system will automatically logout the user.

→ Events [7]:

Contains the list of all the errors and changes made on the Gateway.



The screenshot displays the Gateway management interface. The top navigation bar includes 'Gateway', 'Dashboard', 'Network', and 'Advanced' tabs. The main content area is divided into several panels:

- 1. System Status:** Shows the gateway is Online. A list of status indicators includes:
 - Online (Green dot)
 - WiFi Connection (Red dot)
 - Server Ready (Green dot)
 - Network Connected (Red dot)
 - Client Set (Green dot)
 - Bluetooth Operating (Green dot)
 - Bluetooth Scanning (Red dot)
 - Bluetooth Advertising (Red dot)
- 2. Reboot Gateway:** A button to reboot the gateway. Below it, a note states: "Please make sure the update is not running and ensure that the device is properly powered before proceeding."
- 3. Update software:** A section for updating the gateway software. It includes a note: "Please upload the update file and wait until completion. Do not shut down or restart the gateway during this process." Below this, there is a 'File Upload' section with a 'Choose File' button and a 'No file chosen' message. An 'Upload File' button is also present.
- 4. Gateway Info:** A table showing gateway details:

Manufacturer	Rucko
Model	RUCO-2020V4
Hardware Version	1.3
Software Version	1
Firmware properties	-
Application Version	205
OS Version	3.14.17-ylde@kali.org...
PHP Version	1
Web Version	3.0
- 5. Time:** A section showing the gateway's time:

Gateway time	24/01/2022 11:40:12
System time	24/01/2022 11:40:10
- 7. Events:** A table listing system events:

Timestamp	Code	Description	Up time
24/01/2022 11:21:52	CODE 17 - Admin Login	Web login IP: 192.168.1.10	Up time: 1d 2h 14m 3s
24/01/2022 11:10:20	Code 17 - Admin Login	Web login IP: 192.168.1.10	Up time: 1d 2h 1m 0s
25/01/2023 11:10:52	Code 17 - Admin Login	Web login IP: 192.168.1.10	Up time: 0d 2h 1m 22s
25/01/2023 11:07:44	CODE 3 - Socket Connected	Server connected.	Up time: 0d 2h 0m 15s
25/01/2023 11:07:30	Code 6 - Request Fail	Authentication request failed. Invalid login request. Code: 403	Up time: 0d 2h 0m 4s
25/01/2023 11:07:29	Code 1 - Network Up	Network Up	Up time: 0d 2h 0m 0s
10/01/2022 09:55:07	Code 4 - Socket Disconnected	Server disconnected.	Up time: 0d 2h 15m 54s
10/01/2022 09:55:07	Code 4 - Socket Disconnected	Server disconnected.	Up time: 0d 2h 15m 54s
10/01/2022 09:55:07	CODE 2 - Network Down	Network Down.	Up time: 0d 2h 15m 54s

FAQ

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8.2. Network

The Network tab is used to set up the Gateways IP address (in case a static network is used), APN configuration (in case a SIM card is used) and the NTP configuration in order to set the NTP server.

The screenshot shows the 'Network' configuration page in the Gateway interface. The page has a blue header with 'Gateway', 'Dashboard', 'Network', and 'Advanced' tabs. The 'Network' tab is active. There are three main configuration panels: 'Setup static IP address', 'Setup APN Configuration', and 'Setup NTP Configuration'. The 'Setup static IP address' panel has a DHCP toggle switch turned ON. The 'Setup APN Configuration' panel has fields for Name, APN, MCC, and MNC. The 'Setup NTP Configuration' panel has fields for Server address, NTP Port, and Interval in seconds. Each panel has a 'Submit' button at the bottom.

Setup Static IP address [1]:

1. In order to setup a static IP address the following fields need to be changed:
Switch the DHCP option OFF as shown in the picture bellow



2. Enter the IP address, Net mask, Gateway and DNS according to the static network the Gateway is being connected to.
3. Submit the changes and change the ethernet cable with the one that is connected to static network

Note: Alternate DNS is not a necessary field and a static IP address can be set without it.

Setup APN Configuration [2]:

1. Insert the SIM card into the Gateway



When installing the SIM card make sure to disconnect the Gateway from the power!

2. Set the Name, APN, MCC and MNC for the SIM card
3. Click on Submit and remove the ethernet cable when the Gateway starts to Reboot.

Setup NTP Configuration [3]:

1. Change the server address
2. Submit the changes
3. Reboot the Gateway

Note: The Gateway can be rebooted through the interface, PMS or by pressing and holding the Reset button until the light turns OFF.

Gateway Dashboard Network Advanced

Setup static IP address

DHCP

IP Address
192.168.0.188

Net mask
255.255.255.0

Gateway
192.168.0.1

DNS Alternate DNS

192.168.0.1 Alternate DNS

1

Submit

Setup APN Configuration

Name
T-Mobile Internet

APN
Internet.tmobile

MCC
219

MNC
01

2

Set to default APN Submit

Setup NTP Configuration

Server address
time.android.com

NTP Port
123

Interval in seconds
86400

3

Submit



9. Disposal of the Device

We use environmentally friendly materials for packaging that can be recycled, deposited, or destroyed without any hazard to the environment. For this purpose, the packaging materials are appropriately labeled.

The symbol on the product or on its packaging signifies that this device should not be handled like ordinary household waste. Take this product to a suitable collection point for electrical and electronic equipment recycling.

For more detailed information on disposing and processing the gateway, contact your local waste disposal service, utility company, or the store where you purchased the product.

10. Declaration of Conformity to EMC, LVD and ERM Directives

Declaration of Conformity

With regard to EMC, LVD and ERM Directives

CE

Declare under our sole responsibility that the following product(s):

Parklio Gateway

Fulfils the essential requirements of the EMC, LVD and ERM Directives

The following standards were applied:

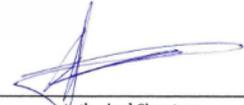
EN60950-1:2006 + A1:2010 + A11:2009 + A12:2011

EN 300 328	EN 55032	EN 61000-4-3
EN 300 440	EN 61000-6-3	EN 61000-4-4
EN 301 489 - 1	EN 61000-3-2	EN 61000-4-5
EN 301 489 - 3	EN 61000-3-3	EN 61000-4-6
EN 301 489 - 17	EN 61000-6-2	EN 61000-4-8
EN 55024	EN 61000-4-2	EN 61000-4-11

Address: Stinice 12, 21000 Split, Croatia

Manufacturer: Parklio d.o.o.

I, the Manufacturer, hereby declare that the equipment as tested is representative within manufacturing tolerance limits


 Authorized Signature
PARKLIO d.o.o.
 SPLIT

11. Declaration of Conformity to FCC

This device complies with Part 15 of the FCC Rules. The 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.

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 taking one 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 radio or TV technician for help.

Changes or modifications to this product not authorized by the manufacturer could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product.



This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.



11. Declaration of Conformity to ISED

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.

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.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.