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Parsyl PPA1 Passport Gateway Device User Guide

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Passport User Guide

PPA1 Passport Gateway Device

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Need help?
Contact us at **support@parsyl.com**, via WhatsApp at +1-720-358-8714 (text messages only) or consult our "How to" support articles in our mobile app by tapping on the ? icon.

Device Overview

The Parsyl Passport is a gateway device that offloads data from Trek Tab and Trek Pro devices and uploads that data to the web. The Passport provides visibility into sensitive products in both storage and shipment monitoring settings through proximity data offloads.

- Ethernet, Wi-Fi, and Cellular Network connectivity
- Capable of offloading data for up to 400 Treks
- Onboard battery provides up to 12 hours of back-up power
- Wirelessly monitors temperature
- Fast data transfer using Bluetooth 5
- Up to 100 days of battery life while monitoring
- Configurable LED alarms
- Smaller than a domino
- Durable and water-resistant
- PQS pre-qualified by WHO

[Device Image Design Overview]
Front, back, left and right diagram of the Passport:

Front

- QR Code
- Power, Connectivity and Power LEDs
- Removable Faceplate
- AC Power Input
- Ethernet Port

Back

- Quickstart Instructions
- Mounting Brackets
- On/Off Switch

Left

- Blue Button

Right

- SIM Card Slot

Hardware Setup

Connect to External Power Source
Attach the included AC adapter to a power source and connect it to the power input on the front of the Passport. Switch the On/Off Switch on the back of the device to turn on the Passport. A red LED indicates the device is using the onboard battery as a power supply, and the Passport is not connected to an external power source. A white LED indicates the device is connected to an external power source.

Mount the Passport
The Passport can be mounted on a wall using the bracket holes on the back of the device or by placing sticky tape on the back(included with the device). Alternatively, it can be placed on a flat surface.

Position the Antennas
The Passport receives the strongest signal from Treks when the antennas are positioned upright, perpendicular to the ground.

Connect Device to Networks

Setting up and connecting the Passport to networks can be done without a Parsyl account. A Parsyl account allows you to access the web and mobile apps and view shipment or storage monitoring data. When your account is created, you will receive a welcome notification via email, SMS or WhatsApp directing you to log in. If you need an account created, please reach out to your company's Parsyl Administrator or contact **support@parsyl.com**.

Download the Parsyl Mobile App
[Be sure to enable Bluetooth, location and camera permissions when prompted.]

1. Download the Parsyl app from the Google Play or Apple App store.
2. Open the Parsyl app on your Android or iOS device.
3. (Optional Log In) Input your phone number or email address to receive your login code.
4. (Optional Log In) Enter the 6-digit code you received to log in. [You are now logged in!]
5. Tap "Scan Device" to get started.

Connect device via Ethernet

1. Connect an Ethernet cable (not provided) to the Ethernet port on the front of the Passport.
2. Press the blue button on the side of the Passport
3. Scan the QR code on the front of the Passport.
4. The Passport will connect to your mobile device.
5. Select Networks from the Detail screen.
6. Ethernet appears in the Networks list with a "Connected" status and a check icon.
7. Tap Ethernet to see IP Address details.

Troubleshooting for Ethernet

- Ensure that the Ethernet cable is securely connected at the Passport and at the other end of the cable.
- Ensure that the modem is turned on and connected to the Internet Ensure the network is configured to allow the Passport to access the internet via <insert our

  protocols and ports here>.

- Repeat steps 2 & 3

Connect device to Wi-Fi

1. Press the blue button on the side of the Passport
2. Scan the QR code on the front of the Passport
3. Passport will connect to your mobile device.
4. Select Networks from the Detail screen.
5. Wi-Fi appears in the Networks list with a "Not Connected" status and an alert icon.
6. Tap Wi-Fi to enter the network name and password of the network you wish to connect to, then "Join network."
7. Wi-Fi appears in the Networks list with a "Connected" status followed by the network name and a check icon.

Troubleshooting for Wi-Fi

- Check to see that the Wi-Fi network is on and connected to the Internet.
- Verify the network name and password are correct
- Press blue button on the left of the Passport and scan the QR code again

Connect to Cellular Network

1. Insert a SIM card into the SIM card slot on the right side of the Passport.
2. Scan the QR code on the front of the Passport
3. The Passport will connect to your mobile device.
4. Select Networks from the Detail screen
5. Cellular appears in the Networks list with a "Connected" status and an alert icon.
6. Tap Cellular to view SIM card details.

Troubleshooting for Cellular Network

- Remove and replace the SIM card in the Passport SIM card slot.
- On the Cellular screen, tap "Reset cellular network."
- Confirm SIM card has been activated

Additional Device Detail

Power Source
On the Detail screen, Power Source displays the source of power as "Main Power" when the Passport is powered from an external power source and Battery when powered by the onboard rechargeable battery.
Once every 30 days, the Passport will automatically switch to the backup battery, allowing the battery to discharge and recharge to maintain battery life.
Scan for Treks
On the Detail screen, tap "Scan for Treks" to see all Treks in range of the Passport. Treks in range can offload data to the Passport. Treks not in range will not be able to offload data to the Passport. The Passport will disconnect from your mobile device for 20 seconds to search for Treks before reconnecting.
A list of Treks will appear, ordered by signal strength. Reposition Treks and scan for them again until all Treks are in range with a strong signal On returning to the Detail screen, the number of Treks scanned will appear with a timestamp of the last scan.

Uploads

On the Detail screen, the date and time of the last upload of Trek data to the web (sent from the Passport to the web application) is displayed.

Firmware

On the detail screen, the Passport firmware version is displayed.

Share Logs with Parsyl Support

In the event of an Internet connectivity issue, logs from the Passport can be sent to the mobile device and sent to Parsyl Support. Tap "Offload and share logs" to offload the logs, open the mobile device email client, and send the email and attachment to Parsyl Support.

FCC Statement

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 radio/TV technician for help.

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.

Caution: Any changes or modifications not expressly approved by Parsyl for compliance could void the user's authority to operate this equipment.

RF Exposure

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Notice:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device.

RF Exposure

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Documents / Resources

Parsyl PPA1 Passport Gateway Device [pdf] User Guide
PPA1, 2AQ8LPPA1, PPA1 Passport Gateway Device, Passport Gateway Device, Gateway Device