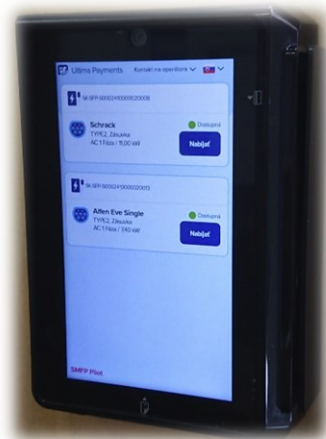


Features of the OPT (Outdoor Payment Terminal) solution for controlling multiple EV chargers

- Remote installation of payment application and card keys (remote keying), without the need to conclude additional contracts with the payment processor and acquiring bank
- Crediting money as soon as charging is over
- Possibility of self-installation of OPT by the client
- Remote SW maintenance support
- One terminal operating in kiosk mode controlling multiple EV chargers
- Support for starting and controlling multiple charging sessions on one OPT at once
- Display the current price for each charging service - tariff
- Custom pre-charging customer pre-authorization amount
- Control of exceeding the pre-authorized amount by stopping charging
- Displaying an ongoing charging session on the OPT screen
- Possibility to transfer the ongoing charging session by the customer in their web browser

HW specification:

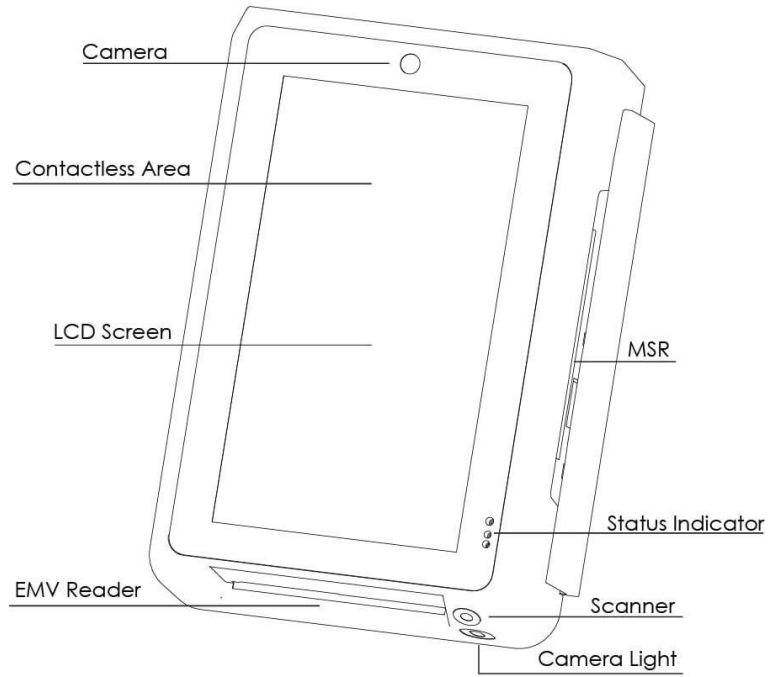
- VISA, MasterCard, VPay, Maestro
- Chip & PIN, contactless NFC (Mobile, Watch)
- SIM card, Wi-Fi or LAN connectivity
- Protection class IP55, protection IK08
- HDMI output for external display
- QR Code, 1D and 2D Code Reader
- <https://www.paxtechnology.com/im30>



Advantages of the solution:

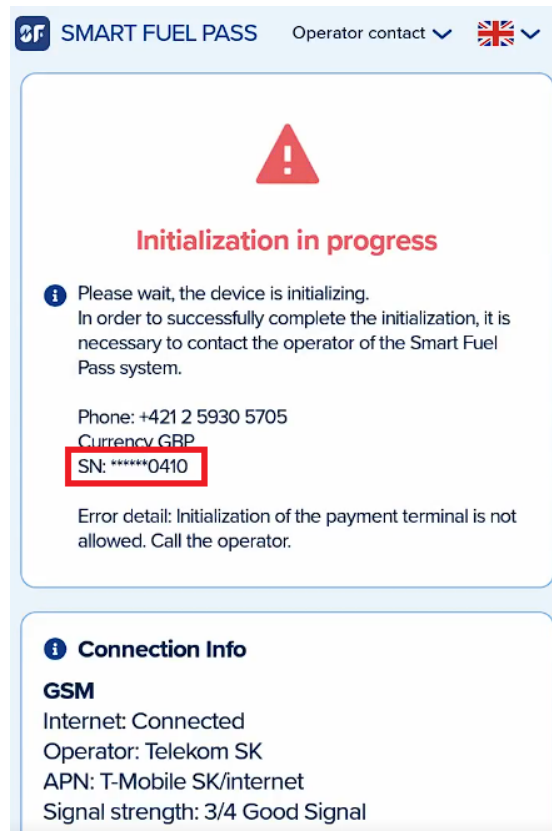
- Ability to connect multiple terminals controlling the same EV chargers to each other
- Automatic instruction to the client's card issuer's bank to release the pre-authorized amount after 15 minutes if charging has not started, or the balance of the amount immediately after the end of charging, implemented by the central system, in order to avoid blocking the pre-authorization in the event of a failure of connectivity or OPT power supply
- Automatic access lock to an ongoing charging session on OPT
- Protection of access to the ongoing charging session directly on OPT via 4-digit PAN card number
- Possibility to stop charging a transferred ongoing charging session from a web browser by the customer
- Possibility to download the receipt immediately after the end of charging from the customer's web browser
- Possibility to set the receipt to be sent to email address specified by the client after the end of charging
- Long-term availability of the charging receipt using date, location, connector and 4-digit PAN card number
- Possibility to integrate other payment methods directly into OPT
- Automatically starts charging on the selected EV charger connector for 15 minutes, even in the event of multiple failed start attempts

Service settings



1. First start

When you start your OPT for the first time and run the UP-OPT, you will be welcomed with this screen, provided the terminal is connected to internet and no error has occurred.



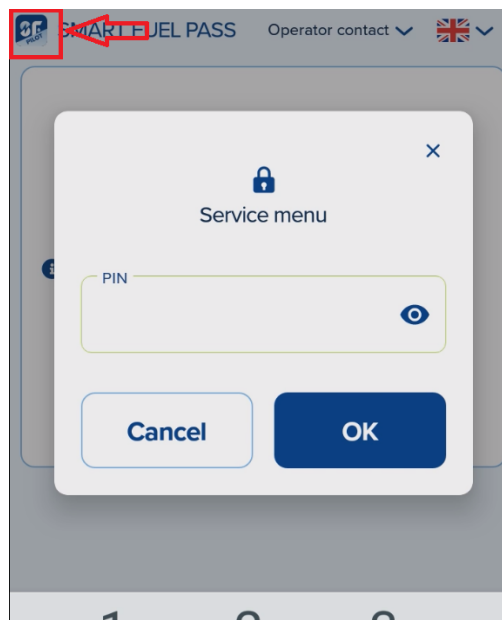
Please go ahead, and call the number displayed. This step is necessary in order to initialize the device. Please make note of the serial number, displayed as SN: followed by the anonymized serial number of your device. Only last 4 digits are visible – these four number will be required when setting up your terminal with our support.

1.1 No internet connection

If the terminal displays this error after starting, it means that internet connection has not been set up properly:



Tap and hold the blue icon in upper left corner for about 2 seconds to enter the Service menu. You will be asked to enter the PIN code of your terminal. If you don't know your PIN yet, please log in your account at <https://portal.smartfuelpass.com/User/Login> and switch to the Point-of-Sale manager role. Open the Payment terminals tab and the PIN will be displayed next to your terminal. If your terminal is not displayed in this section, please call our support to add it to your point of sale.



Home

PERSONAL INFORMATION

- Devices
- Payment tokens
- My Companies
- My requests
- Deposits/Withdrawals

MANAGE

- PoS Manager -
- ROLE NAME POS MANAGER
- CONTRACT 4793874360
- ACCOUNT 4793874360-0001
- Dashboard
- Transactions
- Charging sessions
- Point of sale profile
- Chargers
- Connectors
- Tariffs
- Discounts
- Payment terminals

Payment terminals

List of payment terminals

Filter

Serial number

Last setup date from

Last setup date to

Is currently valid

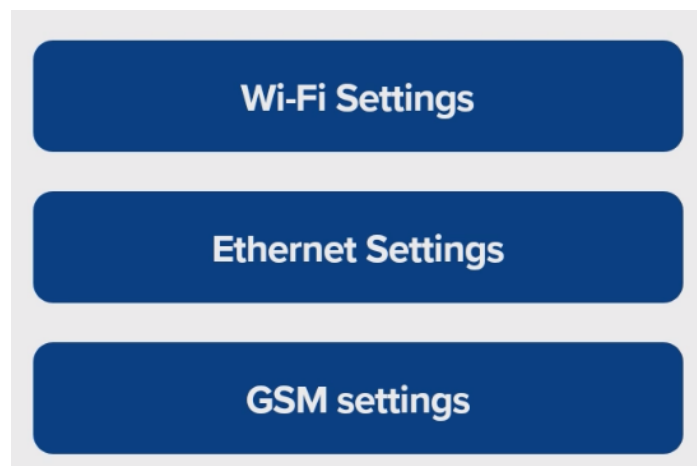
State

10 records per page

Serial number	Last setup date	Ready to setup	Last heartbeat	Valid from	Valid to	PIN
pax16**083235 Disconnected	7/3/2024 11:10 AM	No	7/3/2024 1:10 PM	7/3/2024 11:10 AM	-	1234

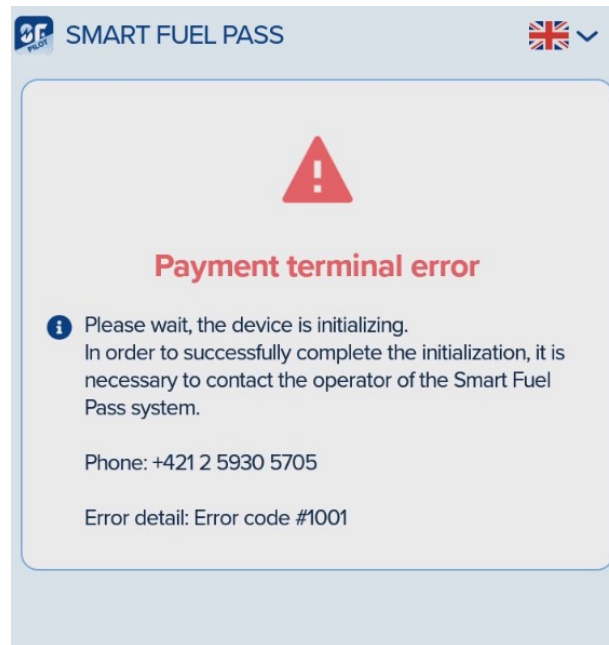
Showing records 1 to 1 of 1 records

After opening the service menu, please scroll down to reveal the options for setting up the internet connection. If you wish to set up multiple connections as a backup, please note that the connection priority is Ethernet -> Wi-Fi -> GSM.



- a) If you plan to use Wi-Fi, please go to Wi-fi Settings and configure your connection. Since the PAX IM30 is based on Android, setting up Wi-Fi connection is similar to most Android phones.
- b) If you plan to use an ethernet connection, go to Ethernet Settings. In this menu you can set up all required parameters. Default setting is DHCP, but it is possible to configure a static IP address as well.
- c) In GSM Settings you can configure a GSM connection. Please note that the SIM card must have an unlocked PIN code. After inserting the card, all settings should be configured automatically. If you need help with inserting the card, you can follow instructions in this video: [Video manual](#)

1.2 Errors



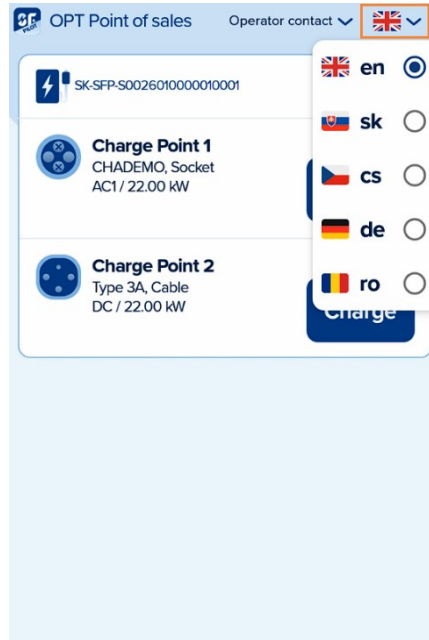
In some cases, it is possible that an error will be displayed, as seen in the screenshot above. Here is a list of errors and their descriptions

Code	Error
#1001	Payment application not installed - remote service required
#1002-#1012	Payment application not configured correctly - remote service required

If any of these error messages are displayed after the terminal has been connected to the internet, please call the displayed number.

2. First look

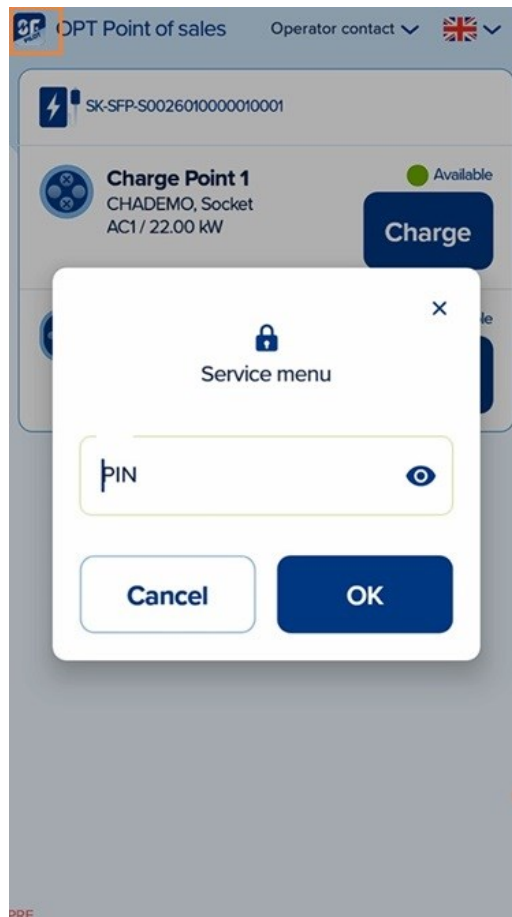
Language of the app can be changed by tapping the flag icon located in upper right corner



3. Service menu

The service menu is only accessible to OPT operators, clients are unable to access it. This section of the manual explains each sub-section and its functionalities.

To access the Service menu, tap and hold the icon located in upper left corner of the screen for 2 seconds. You will be asked to enter the PIN code.

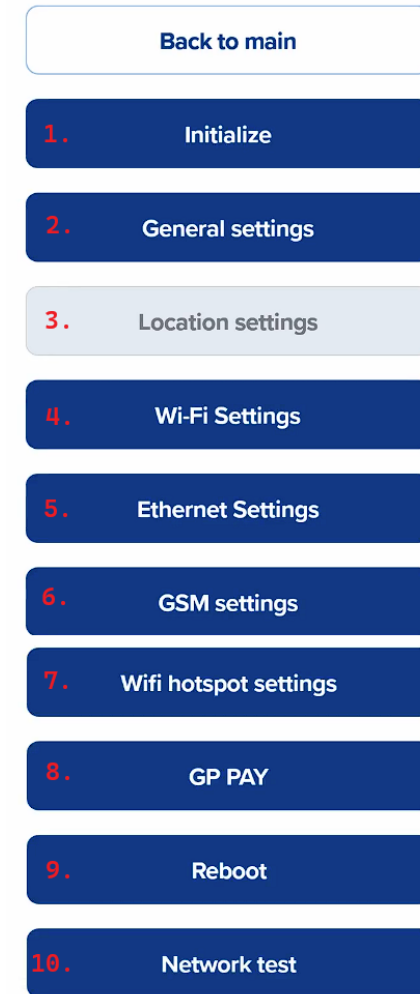


This menu contains various app and connection settings.

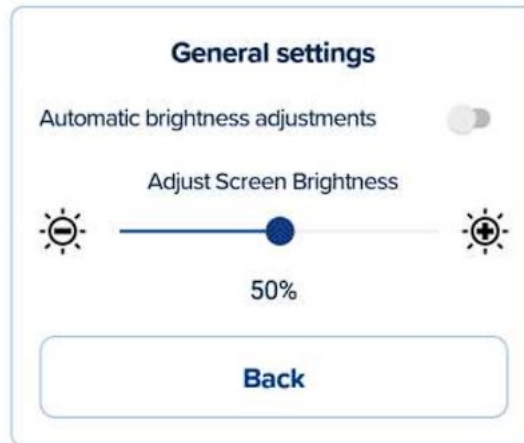


1. Installed version of the application
2. Connection info displays information about currently used internet connection
3. Environment is used mostly for development and testing purposes; this information can be ignored and should not be changed by the operator in most cases
4. The serial number displays the serial number of this terminal. This information might be required during the setup of OPT on a point of sale
5. Enables or disables ethernet tethering

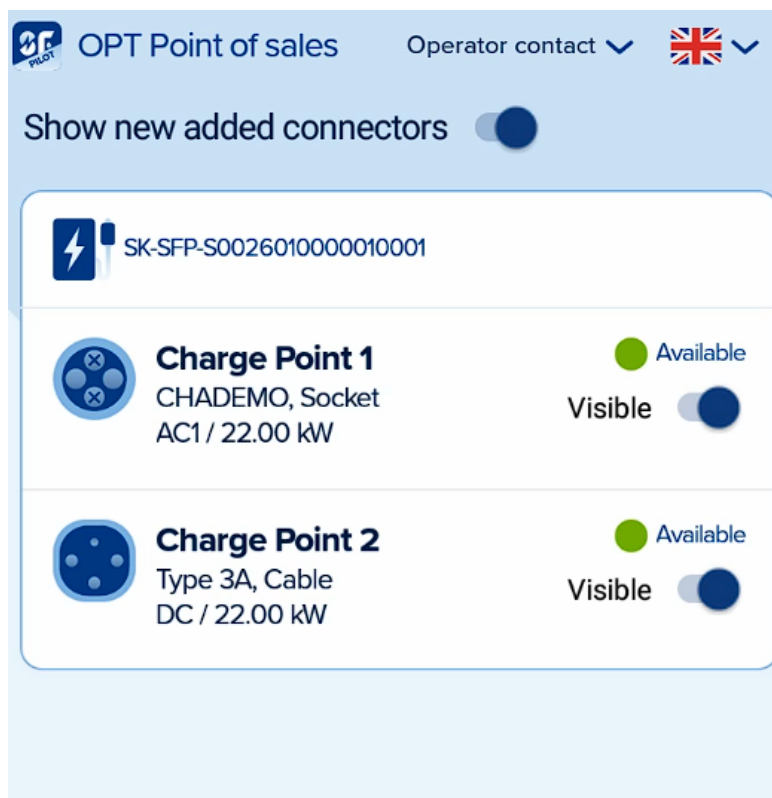
Scrolling down reveals further options:



1. Initializes the device. Used during initial setup of the OPT on a point of sale. This is done automatically each minute when OPT is in the home screen. Initialization for each terminal must be allowed by the support operator.
2. General settings - Contains two settings: Automatic brightness adjustments when turned on, will increase and decrease brightness automatically according to current weather or lighting conditions at terminals location. When turned off, the terminal will hold its current brightness setting which you can adjust using the slider



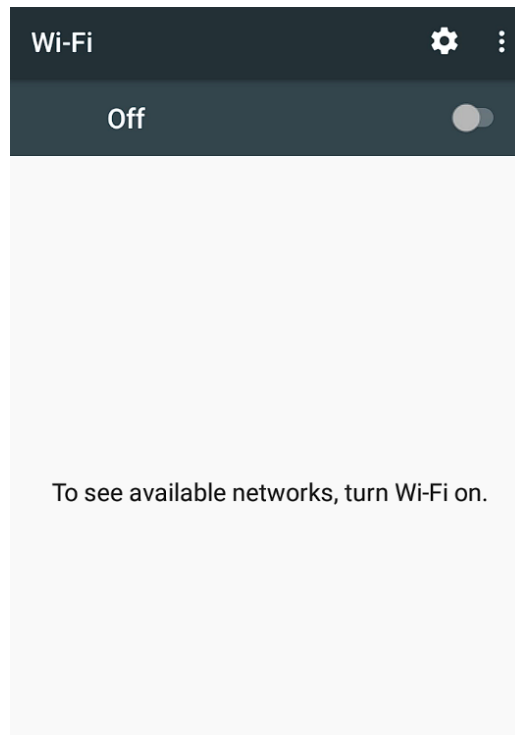
3. Location settings allow you to display or hide connectors of all charging stations in your point of sale



If the “Show new added connectors” option is turned on, after a new charger is connected to this point of sale, its connectors will show up on the terminal. If the option is turned off, new connectors will not be displayed after adding a new charger.

Since each point of sale might have multiple chargers, connectors and OPTs, by switching “Visible” next to a connector to “off,” you can hide connectors that are not relevant to this terminal. If your point of sale has multiple connectors operated by a single terminal, all connectors can be left as Visible.

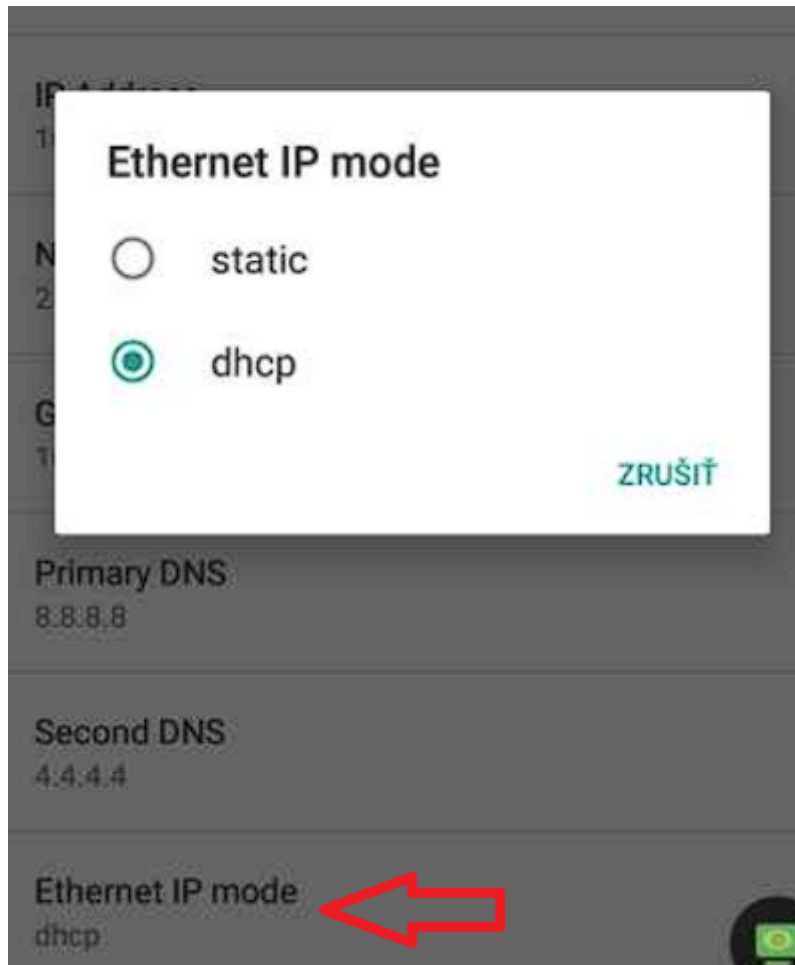
4. If your OPT is connected via Wi-Fi, connection can be set up in this menu



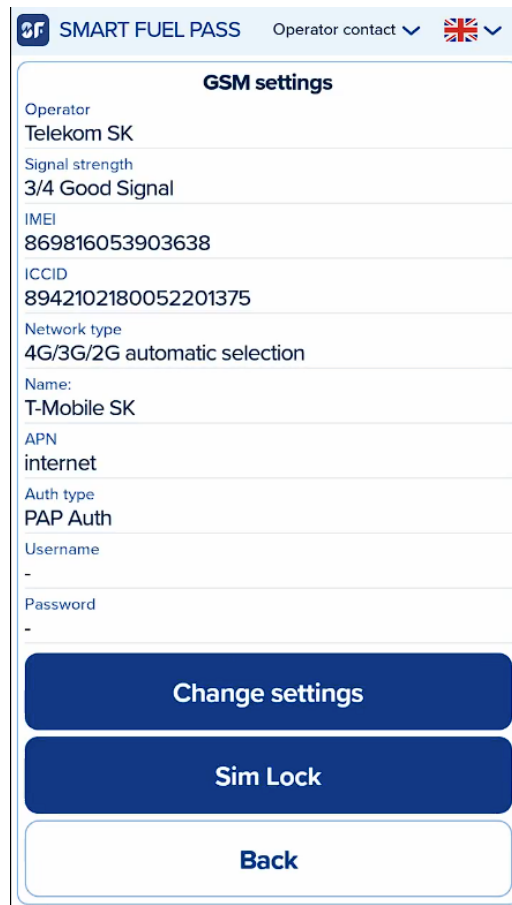
5. Ethernet connection can be set up in this menu



Please note that when clicking on “Ethernet IP mode”, you can change IP address from dynamic to static, according to your needs:



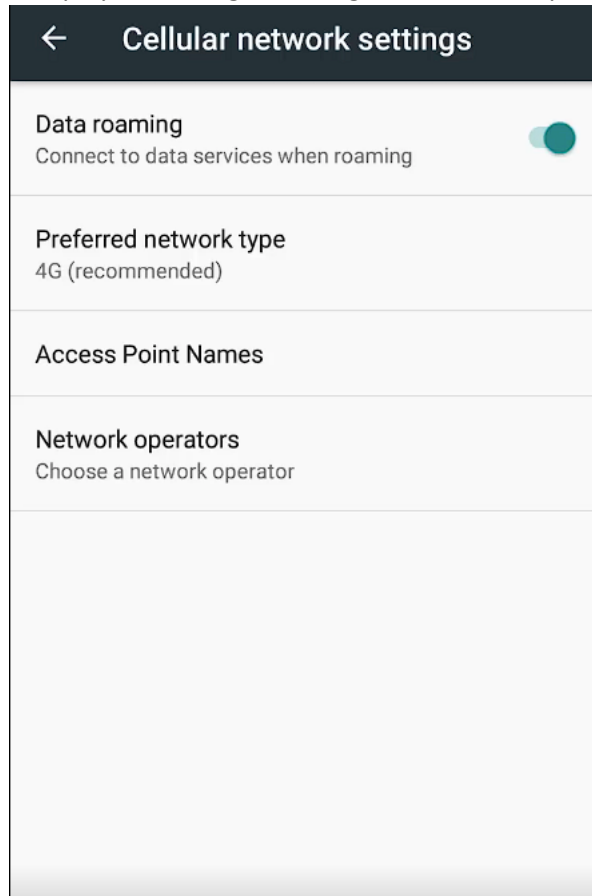
6. This section contains GSM settings if your OPT uses a SIM card for internet connection




The screenshot shows a mobile application interface for 'SMART FUEL PASS'. At the top, there is a header bar with the app name, 'Operator contact' with a dropdown arrow, and a flag icon for the United Kingdom. Below the header, the title 'GSM settings' is centered. The settings are listed in a table-like format with labels and values: Operator (Telekom SK), Signal strength (3/4 Good Signal), IMEI (869816053903638), ICCID (8942102180052201375), Network type (4G/3G/2G automatic selection), Name (T-Mobile SK), APN (internet), Auth type (PAP Auth), Username (-), and Password (-). At the bottom of the settings list, there are three large, dark blue buttons: 'Change settings', 'Sim Lock', and 'Back'.

Label	Value
Operator	Telekom SK
Signal strength	3/4 Good Signal
IMEI	869816053903638
ICCID	8942102180052201375
Network type	4G/3G/2G automatic selection
Name:	T-Mobile SK
APN	internet
Auth type	PAP Auth
Username	-
Password	-

Here you can display and change roaming, network and operator settings:




7. If supported by the model of your OPT device, it can be turned into a Wi-Fi hotspot in this menu

OPT Point of sales Operator contact 

Wifi hotspot settings

Wi-Fi Hotspot


ssid - Hotspot name

Hotspot password 

Auth type
WPA2_PSK

Back

8. GP PAY

OPT Point of sales Operator contact 

GP PAY

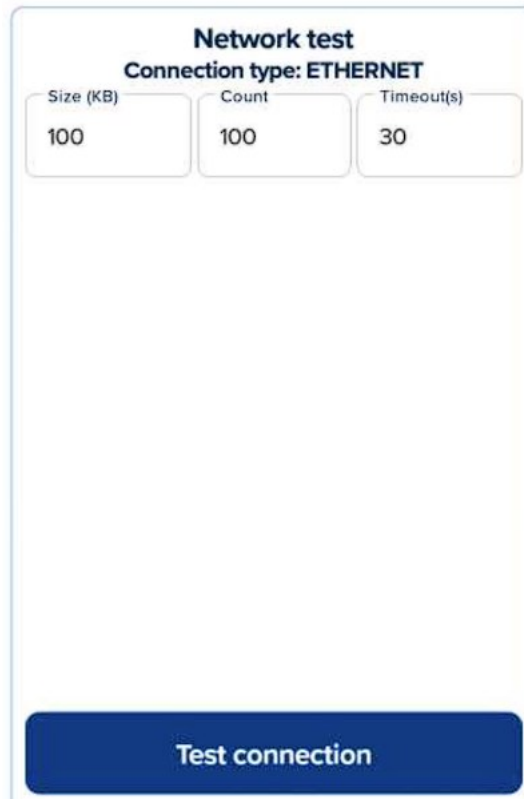
Info

PAY Test

Initialization

Back

- 9. Reboots the device
- 10. Network test - allows you to run test of your internet connection. Can be used to verify the strength of Wi-Fi signal, for example.

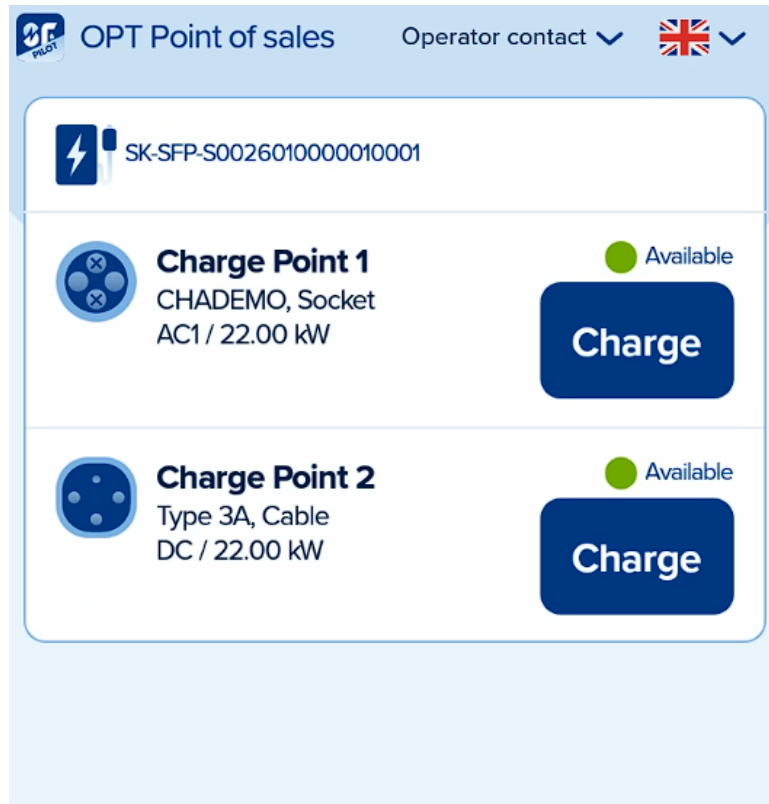


- 11. Tap the “Back to main” button to exit Service menu

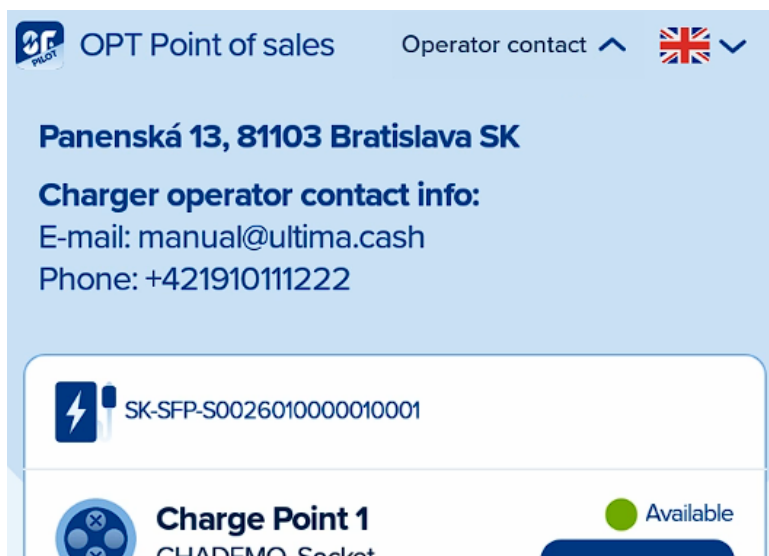


4. EV-Charging

This section contains a step-by-step guide to charging EV's via Smart Fuel Pass OPT solution.

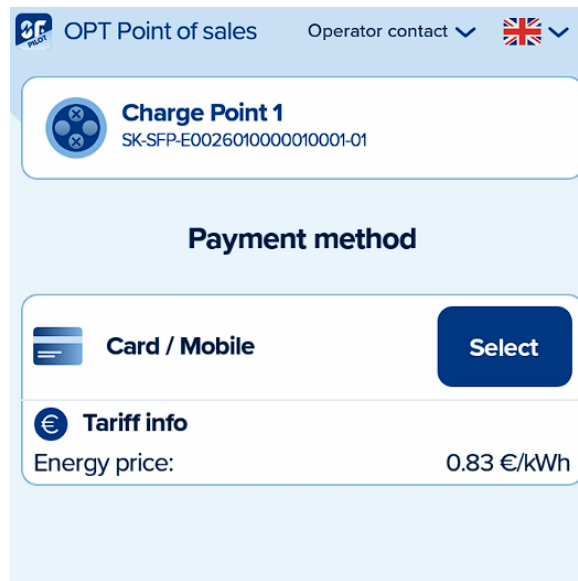


This is the default screen of your OPT device. In the upper left corner, the name of your location or point of sale is displayed (in this case "OPT Point of sale"). Tapping the "Operator contact" button will display contact information such as address, phone number and e-mail, which can be customized in the Point-of-sale profile in your Smart Fuel Pass account.

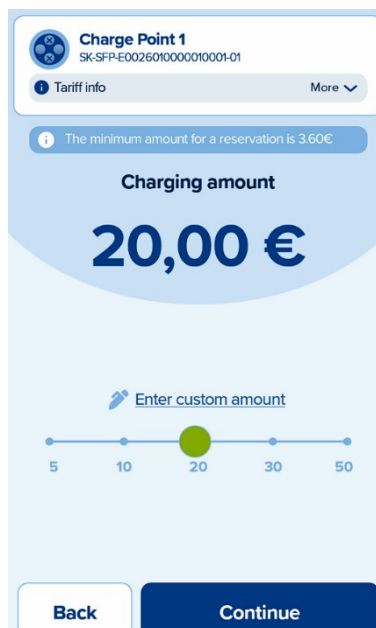


All connectors with allowed "Visibility" are displayed under EVSE-ID of their charger, along with information about their standard, format, power type and power, as well as status. Depending on your setup, a single connector, or multiple chargers with their connectors will be displayed here.

1. After selecting a connector, customer can view the tariff and select a payment method



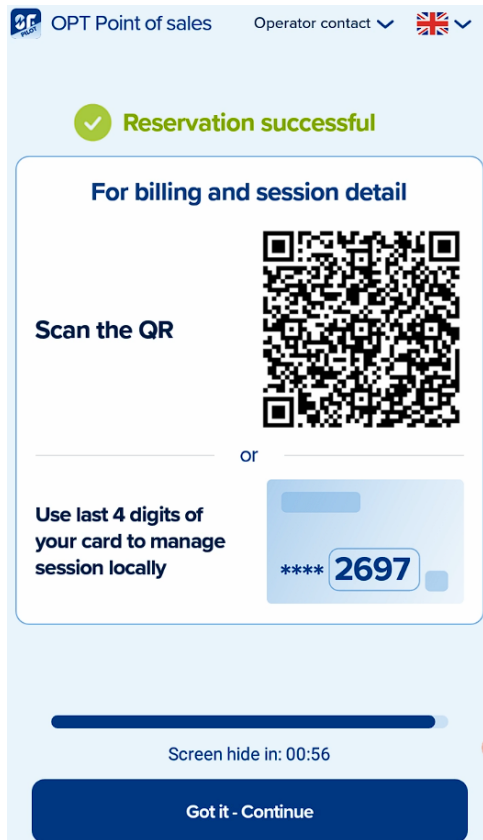
2. On the following screen the customer is prompted to enter the charging amount either by using the slider or entering custom amount. Tariff info can be reviewed on this screen as well



3. After submitting the desired amount, the customer will be prompted to provide a card or an NFC mobile device



4. If the authorization process was successful, charging will begin. This screen provides the customer with information about access to their charging session.



5. The session can be viewed and managed remotely via phone by scanning the QR code, and/or directly on the terminal by providing the PAN code (last four digits of the payment card used in previous step)

This concludes our user manual for the IM30 outdoor payment terminal.

For further information please visit <https://www.smartfuelpass.com/outdoor-payment-terminal>

Or scan this QR code:



If you have any questions, please contact our support at:

support@smartfuelpass.com or call +421 2 5930 5705