

Contents

1 Installation

1.1	WDx00 IoT kit installation.....	4
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2 OilonONE

2.1	OilonONE: product care throughout the product's lifecycle.....	7
2.2	Use of the Device as a Connected Product.....	9

1 Installation

1.1 WDx00 IoT kit installation



Installation, commissioning, or service of the appliance is to be carried out by authorized and trained personnel only, adhering to all local regulations and requirements.



Connectors in the control box are under voltage. Only authorized users may open the safety cover.

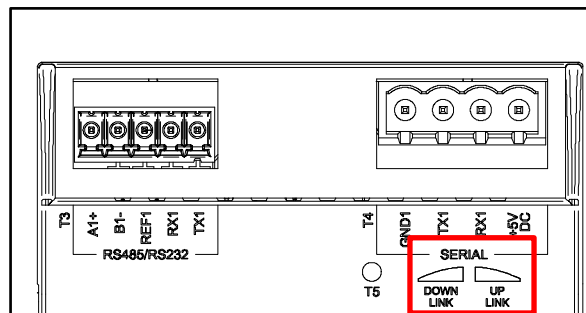


Cut off power supply to the burner and close the manual shut-off valves always before any maintenance work. Cutting power is adequate when just inspecting the device.

The IoT kit is intended for connecting burners to the cloud. This allows users to view their device's operating data through the OilonONE service.

Installing the IoT kit

1. Switch off power.
2. Connect the IoT accessory as shown in the electrical drawings supplied in the IoT kit.
3. Switch on power.
4. Using the display and operating unit, activate the burner controller's Modbus connection.
 - To activate Modbus, select **Operation** → **OptgMdeSelect** → **GatewayBASon**.
 - To check the connection, select **Operation** → **OptgMdeSelect** → **Gateway status**.
5. From the OCI460 gateway unit, check the Uplink and Downlink LEDs.



OCI460 LEDs ver. 1

LED	Status		
	OFF	Flashing green	Solid green
Downlink	N/A	Not connected to burner controller	Connected to burner controller
Uplink	Cable not connected	Connected to Ethernet, no cloud connection	Connected to Ethernet, connected to the cloud

INFORMATION TO BE SUBMITTED BY THE CUSTOMER

Submit the following information to your Oilon sales contact.

If your SIM card payments are handled by Oilon: submit the SIM card serial number (ICCID code; circled with red in the image).



SIM card ICCID code ver. 1

Submit the **gateway activation code** shown on the OCI460.10 unit's packaging (circled with red in the image)



OCI460.10 gateway box ver. 1

Teltonika remote gateway unit IP settings

The gateway unit is configured at the factory. Changing the admin password is recommended.

- Default IP: 10.20.30.1
- Admin password: **qw56pomz**

Accessing the remote gateway unit

1. Change the IP for your laptop to 10.20.30.xxx
2. Connect your laptop to the gateway unit with an Ethernet cable
3. Using a web browser, enter the unit's IP: 10.20.30.1

4. Sign in using the admin password.

2 OilonONE

2.1 OilonONE: product care throughout the product's lifecycle

OilonONE is a hub that serves as a one-stop shop for digital services. It provides access to documents, operating reports, and other resources that will help maintain the product throughout its lifecycle.

If your device is connected to the internet, you can view the device's operating data directly. Additionally, IoT connectivity enables extended remote support. An IoT kit is required.

Visit OilonONE at: <https://oilon.one/>

Oilon Device Portal

View your products and their documentation.

- Directly book maintenance visits.
- Use a troubleshooting tool to solve issues.
- If the device is connected to the internet, you can view the device's operating data as trends.
- View service logs.
- View delivery status.
- Set up service reminders and critical notifications.
- Explore spare part recommendations and order spare parts.
- Access your device's electrical drawings, PI diagram, and manual.

Oilon Selection Tool

Select products based on the requirements of your application and view the latest information on Oilon products.

Oilon Digital Training

Find additional materials that may help you operate and maintain the product.

Webshop

Find spare parts by browsing the site or entering your product's serial number.

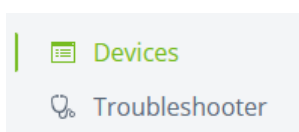
Main site

Explore our products, view news, and find service partners near you.

Viewing devices in OilonONE

To view the device, access OilonONE at <https://oilon.one/>.

1. If necessary, create an OilonONE account. Sign in.
2. Select **Oilon Device Portal**.
3. Select **Devices**.



Oilon Device Portal - Devices ver. 1

4. Browse the list or enter the device's serial number, customer name, or location in the **Search** field.
 - If you cannot find the device, request access from your Oilon sales contact.

- Access to devices is granted only to qualified users with the approval of the product owner.
5. To view the device's details, click the device's serial number.

Collection of usage data

The End User understands that the data contained in the Software is generated by a connected device of the End User or of a device owned by a third party, where such third party has either granted the End User a temporary right to use the connected device or has permitted End User's access to device data through the Software.

Upon using the Software, the End User also accepts the End User Data Agreement.

Oilon retains the right to collect usage data relating to the Software, including but not limited to, Software calculation errors, Software crashes, calculation iteration speed, and calculation divergences. The data is collected for Oilon's purposes, which may include but are not limited to the following:

- enabling maintenance;
- quality management;
- development of new products and services; and
- other purposes which support overall service delivery.

Oilon may also grant third party contractors access to data. Third parties that are Oilon's subcontractors carry out processing on Oilon's behalf. Third party contractors also include parties, which provide functionalities of the IoT device and are permitted to use the aggregated forms of the data for their own purposes and at their own responsibility in accordance with applicable laws. Oilon shall not be responsible for such contractors' use of data for their own purposes.

In addition to third party contractors, Oilon may grant other third parties access to End User data at the End User's request as described in the End User Data Agreement. If the End User has made any agreement in relation to the IoT device, the Oilon Device Portal, or the data with any other parties, such as Oilon's reseller, service partner or other partner, the use of data by such parties shall be governed by the agreement between the End User and such party, and Oilon shall not be responsible for their use of data.

Some of the aforementioned data may include personal data under the General Data Protection Regulation 2016/679 of the European Union and other applicable data protection laws. The Oilon privacy policy applies to the processing of such personal data.

Data transmission

All connections between the product and OilonONE are initiated by the product. Performance data is collected by Siemens Climatix IC Cloud and forwarded to OilonONE via API connections utilizing HTTPS with TLS encryption. As a result, you can use a firewall to allow only traffic initiated by the product.

- Oilon products require no open inbound ports to function.
- Parameters are not accessible through OilonONE.
- Parameters can be accessed through Climatix IC Cloud, but access is restricted to a handful of Oilon personnel.

Do not connect the LAN side of the product directly to your own network.

- Use a firewall or router.
- If using an Ethernet cable, plug it to the WAN side of the device.
- Alternatively, use a 4G modem.
- For safe operation, make any fieldbus connections through the OCI460 unit.

2.2 Use of the Device as a Connected Product

About Data Generation

The product is a connected product as defined in Regulation 2023/2854 of the European Union (the EU Data Act). Upon starting up the product, it will automatically power an internet connection in the device.

The connection may either be:

- (i) to a mobile network, which the product uses to send product data to remote servers; or
- (ii) an internet connection, which enables connecting to the connected product via Local Area Network.

Where the connected product connects to a mobile network, Oilon cannot prevent the device from sending product data to the remote servers. The user may only prevent such a connection by uninstalling the device and ceasing the use of the product.

The connected product collects performance (e.g. pressure, temperature) and running data for purposes described in more detail below.

The user shall ensure that its use of the data is in compliance with applicable laws and regulations. The data may not be used for developing products competing with the device or other activities competing with Oilon's products or services.

The aforementioned data may include personal data under the General Data Protection Regulation 2016/679 of the European Union and other applicable data protection laws. Further information on the processing of personal data is in the Privacy Policy, which is available at www.oilon.com.

The connected product's functionality may be subject to limitations and variation due to factors such as network connectivity, environmental conditions and usage patterns. Oilon is not responsible for any disruptions or limitations in the functionality of the device as a connected product. It is the user's responsibility to maintain the connected product within signal range. Oilon is not liable for any issues arising from the user's internet connection (including that in the device upon delivery) and cannot solve issues related to such.

The default retention period is 20 years, however, Oilon shall not be obligated to store any connected product data beyond 1 year after the termination of this EUDA or the discontinuation of the use of connected product.

If an end user, who is the owner of the connected product, requests Oilon to share data to a third party, Oilon may require such third party to enter into a separate agreement on data sharing and to charge a fee for such data sharing or switching based on the

nature, format, quality and/or quantity and as specified in Oilon's price list from time to time. Oilon shall not be responsible for such third party's use of the data nor for any damages arising from or caused by such third party use for the purposes of the end user. This limitation applies even if such a third party would be a contractor, reseller or agent of or otherwise affiliated with Oilon, if the extraction and use of data is not for the purposes of Oilon.

Use and Maintenance of the Device

The device must be installed and used in accordance with the user documentation and any instructions provided by Oilon. The device must also be properly maintained, including regular cleaning and inspection to prevent damage and ensure optimal performance.

The device shall be used in compliance with all applicable laws and regulations governing data access, security, and usage.

Oilon provides updates to the connected product as it deems necessary during the connected product's lifespan to ensure its performance and security. These updates may include bug fixes, enhancements, and new features. The user is responsible for installing such updates when provided or informed by Oilon. In order to maintain the functionality and security of the device as a connected product, the device needs to be updated in a timely manner, whenever updates are made available.

Oilon provides technical support and service for the device as outlined in the support documentation. In the event of a device malfunction or failure, the user shall contact Oilon for assistance. Oilon will make reasonable efforts to diagnose and resolve any issues, which may include, for example, remote troubleshooting and software updates.

Only modifications outlined in the installation manuals and/or other supporting documentation and specifications are permitted, as long as these actions do not compromise the device's security or functionality. However, any attempts to remotely access or control the device through unauthorized means are strictly prohibited. Remote access must be conducted through authorized channels and in accordance with Oilon's security protocols.

Cybersecurity

Oilon takes reasonable measures to protect the connected product and the data generated by it from authorized access, alteration and destruction. The user is responsible for maintaining secure network connections and environment for the connected product, including but not limited to adequate firewalls and intrusion detection systems.

The user acknowledges that no security system is impenetrable, and Oilon shall not be liable for any unauthorized access or data breaches that occur despite the implantation of reasonable security measures.

Grant of License

Oilon grants the user a limited, non-exclusive, non-transferable license to download, install, and use the connected product and its embedded software in accordance with the terms and conditions applicable to it. Any other use is prohibited unless explicitly agreed with Oilon in advance.

The user must not copy, modify, or in any way reproduce or damage the structure or presentation of the device, its embedded software, or any content therein. Unless governed otherwise by applicable mandatory law, modifying, translating, adapting, or otherwise creating derivative works or improvements, decompiling, decoding, reverse engineering, disassembling, or otherwise reducing the code used in any software in connection with the IoT device into a readable form to examine the source code or construction of such software and/or to copy or create other products based (in whole or in part) on such software, is prohibited.

Customer Rights Under the EU Data Act

This document provides an overview of customer rights related to data access and sharing under the EU Data Act. It outlines the procedures for data management when using Oilon's IoT device. Updates may be made to this document as needed.

Information on the IoT device

Item	Information
The type, format and estimated volume of product data which the IoT device is capable of generating.	Binary, Average 600 MB/month
Is the IoT device capable of generating data continuously and in real-time?	YES
Is the IoT device capable of storing data on-device or on a remote server? What is the intended duration of retention of the data?	YES. The default retention period is 20 years, however, Oilon shall not be obligated to store any connected product data beyond 1 year after the termination of this EUDA or the discontinuation of the use of connected product.

Information for Oilon Device Portal

Item	Information
Information about data holder.	Oilon Group Oy Metsäpietilänkatu 1, FI-15800 Lahti, Finland Email: datasecurity@oilon.com Tel:+358 385 761
Information about other data processing parties	Information is maintained in Oilon's Privacy Policy, as updated from time to time. The Privacy Policy is available at www.oilon.com .
The nature, estimated volume and collection frequency of product data from the IoT device collected to Oilon Device Portal. How can the customer access or retrieve such data? What are Oilon's data storage arrangements and the duration of retention for such data?	Frequency: as real time as possible Nature: measuring data Estimated volume: average 600 MB/month Access: Oilon Device Portal. Retention: The default retention period is 20 years, however, Oilon shall not be obligated to store any connected product data beyond 1 year after the termination of this EUDA or the discontinuation of the use of connected product. Data is provided from Oilon database.
The nature and estimated volume of related service data to be generated. How can the customer access or retrieve such data? What are Oilon's data storage arrangements and the duration of retention for such data?	Frequency: as real time as possible Nature: measuring data Estimated volume: average 600 MB/month Access: Oilon Device Portal. Retention: The default retention period is 20 years, however, Oilon shall not be obligated to store any connected product data beyond 1 year after the termination of this EUDA or the discontinuation of the use of connected product. Data is provided from Oilon database.

Item	Information
Does Oilon use readily available data itself and for which purpose? Does Oilon intend to allow third parties to use the data for purposes agreed upon with the customer?	<p>YES.</p> <p>The data is collected for purposes, which may include but are not limited to the following:</p> <ul style="list-style-type: none"> ● enabling maintenance; ● quality management; ● development of new products and services; and ● other purposes which support overall service delivery. <p>Oilon may also grant third party contractors access to data. Third parties that are Oilon's subcontractors carry out processing on Oilon's behalf. Third party contractors also include parties, which provide functionalities of the IoT device and are permitted to use the aggregated forms of the data for their own purposes and at their own responsibility in accordance with applicable laws. Oilon shall not be responsible for such contractors' use of data for their own purposes. At the time this information sheet's publication the contractor with such rights are:</p> <ul style="list-style-type: none"> ● Siemens AG.
Are there Oilon's or any third party's trade secrets contained in the data?	YES

Accessing the data

Once the IoT device is connected, it will automatically start generating product data and sending such product data to remote servers. The data will be accessible via the Oilon Device Portal, under the Analytics section. On certain products the data may also be accessible via a Local Area Network (LAN) connection.

Access to the Oilon Device Portal is granted by assigning user rights (based on email address) to the specific product serial number purchased. These rights may be granted either during the sales process via the CRM system or through the Permission tool available in the Oilon Device Portal. In both cases, access is managed by Oilon personnel and provided only upon a specific request from the customer (purchaser).

Data can be exported in .csv file format upon customer request. If the customer wishes to have the data deleted, a formal request must be submitted to the following email address: selection.tool@oilon.com. The data, once the system is activated, is shared in real time.

The terms and conditions for the use of Oilon Device Portal are available at [URL].

Asking the data to be shared to a third party

Access is granted by assigning user rights (based on email address) to the specific product serial number purchased. These rights may be granted through the Permission tool available in the Oilon Device Portal. The access is managed by Oilon personnel and provided only upon a specific request from the customer (purchaser).

Right to lodge a complaint

If the customer considers that its rights under the Data Act have been infringed, the customer may lodge a complaint with the relevant competent authority in the EU member state where the customer resides or is established.

Contact information of Oilon dealer:

Date of installation:

oilon®

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