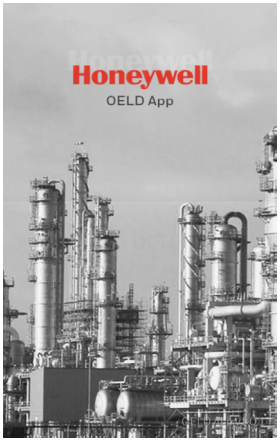
Honeywell

OELD App



User Manual

Contents

Chapter 1

Introduction

This manual describes how to use the OELD mobile app in conjunction with OELD smart junction box. The OELD unit provides a display of gas reading and status indication from a fixed gas detector that is connected to it.

1.1 Mobile Smart Device Requirements

The OELD app is available on Google Play Store. Before installing the app, make sure that your smart device meets the following requirements:

- Android 4.3 (Jelly Bean) or above
- Bluetooth 4.0 (Bluetooth Low Energy)
- Connection to the Internet
- Access to Google Play Store
- A camera on the phone, although not essential, will provide increased convenience when connecting to OELD units.

NOTE

The OELD app can be installed on Google-approved smart mobile devices such as smartphones and tablets only.

1.2 OELD App Installation

Use Google Play Store to download and install the OELD app. Open Google Play Store and search for **Honeywell Analytics**. From the search result, find and install the OELD app.

1.3 First Steps

When launching the OELD app for the first time, the license agreement will be shown. Read and accept the license agreement.

The general procedure for using the OELD app is as follows:

1. Create a user account.
2. Register an OELD unit. When an OELD unit is registered for the first time, a user group is created and the user who registered the unit becomes an administrator for that user group.
3. Register additional OELD units as necessary.
4. Scan for installed OELD units that are within Bluetooth range.
5. Pair with the desired OELD unit to connect to it.

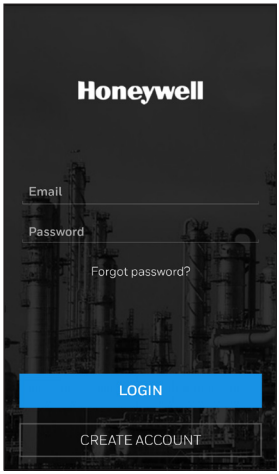
In a user group, any devices that has been added by any member of the user group can be accessed. Every time an OELD unit is added or modified, each of the user's certificates is updated and downloaded to their mobile device.

NOTE

Communication with the Honeywell server is required when creating, adding or deleting user accounts or OELD units. Make sure that a Wi-Fi or mobile data network is available to allow the user certificate to be updated.

Creating a User Account

When the OELD app is launched for the first time, it is necessary to create a user account.



Create the first user account by following these steps:

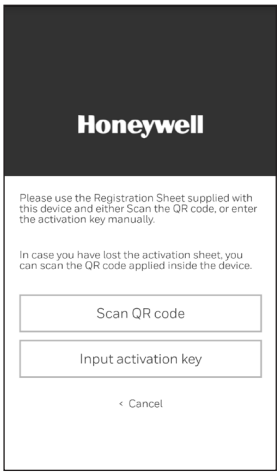
1. Tap CREATE ACCOUNT.
2. Enter an email address that you wish the user account to be associated with together with a password, and tap OK. The email address will become the Account ID for that user.
3. A confirmation email will be sent from Honeywell. Click the verification link in the email and enter the password to activate the user account.
4. Check on the app that the user account has been successfully created.
5. The Honeywell server will shortly download the user certificate to the mobile smart device. Once the certificate has been downloaded, the user account is ready to use.

NOTE

For security purposes, the user must click on the verification link contained in the confirmation email within 10 minutes of it being sent. Once this time has passed, it will be necessary to repeat this registration process.

Registering OELD Units

After the first user account is created, the user is prompted to register one or more OELD units to associate them with that user account.



A unique Activation Key is printed with a QR code on the Registration Sheet that is included with the OELD unit. Use either the QR code or the Activation Key to register an OELD unit.

If the mobile device has a camera, this is the most convenient method of registering and connecting to OELD units.

To use QR code, follow these steps:

1. Tap **Scan QR code**.
2. Point the camera at the QR code, and position the QR code on the screen of the app such that it is within the guide box marks on the app. After a few seconds, the QR code will be automatically recognized and read.

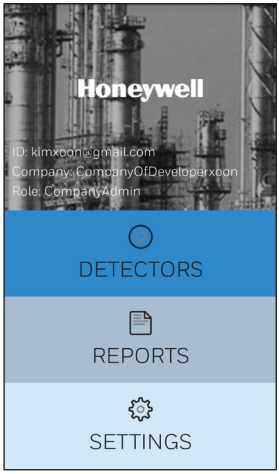
3. Repeat the above steps if there are more OELD units to register.

To use Activation Key, follow these steps:

1. Tap **Input activation key**.
2. Enter the Activation Key as given on the Registration Sheet and tap **OK**.
3. Repeat the above steps if there are more OELD units to register.

The user's certificate is updated with newly registered OELD units.

1.4 Home Screen



The app's home screen shows two options:

- DETECTORS:
  Pair with an OELD unit to view the reading status of the gas detector that is connected to it or to configure the unit's settings.
- REPORTS:
  View the operation history of a gas detector, including alarms and calibrations.
- SETTINGS:
  Manage user accounts and OELD units, or set up user preferences.

Chapter 2

User Management

2.1 User Privileges

There are three types of user types.

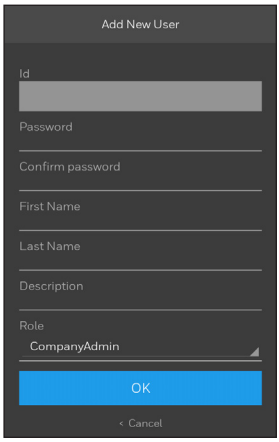
Administrator: An administrator can add others as an administrator, an engineer or an operator of the same user group. There can be multiple administrators in a group. Administrators cannot remove themselves, whereas the engineers and operators can be removed by any one of the user group's administrators.

Engineer: Engineers are not permitted to manage user accounts.

Operator: Operators are not permitted to manage user accounts and cannot access to the following menus:

- Information > Advanced info
- Information > Advanced config (Searchline Excel only)
- Information > Calibration coeffs (Optima Plus only)
- Information > System coeffs (Searchline Excel only)
- Maintenance > Diagnose > Latched Warnings
- Maintenance > Diagnose > Latched Faults
- Maintenance > Diagnose > Log Warnings
- Maintenance > Diagnose > Log Faults
- Configure > Modify config
- Configure > OELD

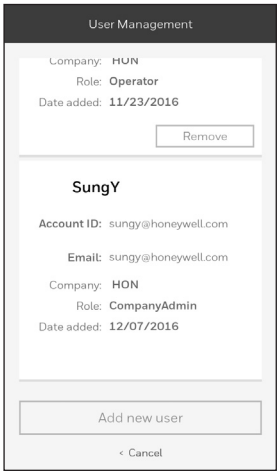
2.2 Adding a User Account



To add a user account, follow these steps:

1. On the home screen, tap SETTINGS > User Management.
2. Tap **Add new user** at the bottom of the screen.
3. Enter the user's information, including an email address and choose a password for them. Select a User Type (role) from the **Role** list, and then tap **OK**.
4. When an email from Honeywell arrives in the user's email inbox, have them click the verification link in the email and enter their password to complete the registration process.

2.3 Editing User's Information



To edit information associated with a user, follow these steps:

1. On the home screen, tap **SETTINGS > User Management**.
2. Select the user that you wish to edit the details of from the list displayed.
3. Change the user information as required and tap **Update**.

NOTE

It is not possible to modify the account ID. Changing the user's email address will not change their Account ID.

2.4 Removing a User Account

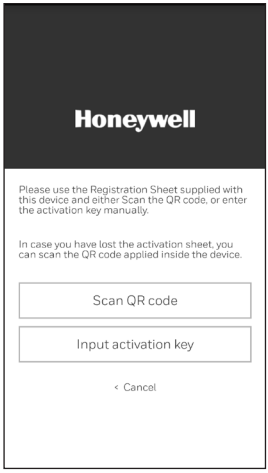
To remove a user account, follow these steps:

1. On the home screen, tap **SETTINGS > User Management**.
2. Tap **Remove** below the user's profile.

Chapter 3

Detector Management

3.1 Adding a Detector

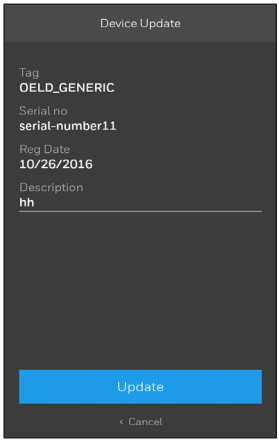


To add a new or replacement OELD unit, follow these steps:

1. On the home screen, tap SETTINGS and tap **Register an OELD Device** beneath **Certificate status**.
2. Tap **Scan QR code** to register the detector using QR code.
   Alternatively tap **Input activation key** to register using Activation Key.

3.2 Changing the OELD Unit Description

The description allows a user to add further information related to the OELD unit. The description can be up to 128 characters in length.



To change the description of the OELD unit, follow these steps:

1. On the home screen, tap **SETTINGS > Device Management**.
2. Select the OELD unit from the list of displayed devices.
3. Change the OELD unit description and tap **Update**.

3.3 Removing an OELD Unit

To remove an OELD unit, follow these steps:

1. On the home screen, tap **SETTINGS > Device Management**.
2. Tap **Remove** below the OELD unit's profile.

Chapter 4

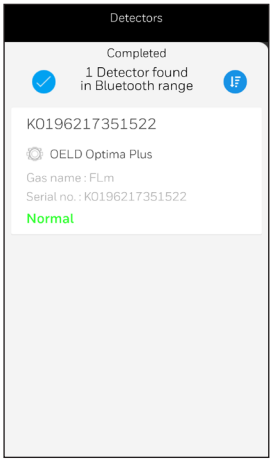
General Operation

NOTE

It is only possible to connect one smartphone or smart mobile device to an OELD unit at any one time. If a connection is already established with an OELD unit then it is not possible to connect another smartphone or mobile device to that unit.

Make sure that the Bluetooth feature is enabled on your smartphone or mobile device.

4.1 Scanning for OELD Units



To scan for installed OELD units in range, tap **DETECTORS** on the home screen. A list of OELD units that are within Bluetooth range are displayed in order of signal strength. The OELD units can be identified with their serial number or location tag (if set).

If the OELD unit does not appear in the list, retry the scan. Tap the top of the detector list to scan again.

NOTE

OELD units that are not registered to the user's certificate will be shown as **RESTRICTED**. To connect to an OELD unit shown as **RESTRICTED**, add them to the certificate (section 3.1) or make an ad-hoc connection to it (section 4.3).

4.2 Connecting to a Gas Detector

To pair with a specific OELD unit, follow these steps:

1. Select the OELD unit from the list of detectors.
2. Look for the OELD unit whose display backlight is flashing blue.
3. Confirm that the OELD unit is the intended one to connect to by tapping on **Confirm Detector**. If not, tap **Return to list** and select another unit.
4. If the connection to the OELD unit fails, tap **Retry**.

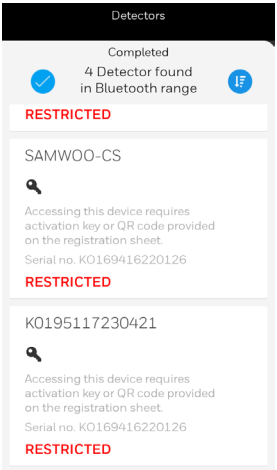
4.3 Ad-Hoc Connection to an Unregistered OELD Unit

As opposed to adding the OELD unit to a user's certificate as described in section 4.2, it is possible to make an ad-hoc connection to it. When making an ad-hoc connection, the OELD app requests that the target OELD unit grants temporary access using the QR code or Activation Key.

Ad-hoc connection can also be useful when it is not possible to register OELD units and update the security certificate because there is no Wi-Fi or mobile data network connection.

NOTE

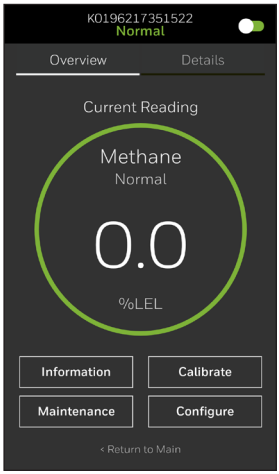
A single ad-hoc connection to an OELD unit does not make a permanent association between that OELD unit and the user. Using the ad-hoc connection method will require the user to scan the QR code or enter the Activation Key each and every time a connection is made.



Unregistered detectors will appear labeled with **RESTRICTED** on the list of OELD units. It is possible to temporarily connect to an unregistered detector.

1. Scan for OELD units as described in section 4.2.
2. Select the target unit from the list of detectors.
3. Either scan its QR code or enter its Activation Key.
4. Look for the OELD unit whose display backlight is flashing blue.
5. Confirm that the OELD unit is the intended one to connect to by tapping on **Confirm Detector**.

4.4 Main Screen



When the smartphone or mobile device is connected to an OELD unit via Bluetooth, the detector's reading is displayed with the gas name and measurement unit on the **Overview** tab of the OELD app. The reading will also be surrounded by a coloured ring, indicating the status of the OELD and connected gas detector. The status is also shown in text. The colour will change dependent on the status as follows:

Green: normal condition

Orange: maintenance (fault, warning or inhibit)

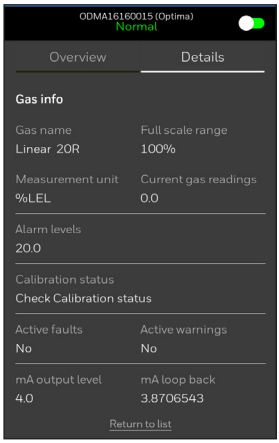
Red: alarm

Buttons at the bottom of the screen are used to perform further set up, maintenance or diagnostic functions.

To view the details of the gas detector, tap the **Details** tab.

NOTE

The items shown in the **Details** tab can be different according to the device type.

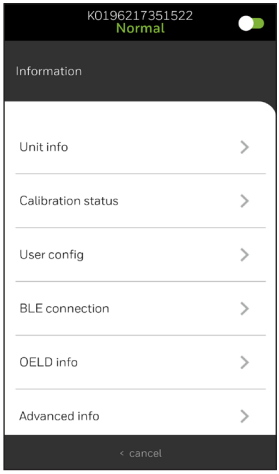


- Gas name:
  The current target gas of the detector
- Full scale range:
  The maximum concentration that the detector can measure.
- Measurement unit:
  The units of measurement set such as ppm or %LEL
- Current gas readings:
  The current concentration of the detected gas
- Alarm levels:
  The threshold at which the OELD will indicate an alarm condition on it's display and backlight
- Calibration status:
  An indication to show the calibration status of the detector
- Active faults:
  An indication to show if there are any faults that are currently active in the system
- Active warnings:
  An indication to show if there are any warnings that are currently active in the system
- mA output level:
  The target value of the mA loop

- mA loop back:
  The actual value of the mA loop, as measured by the detector
- Inhibit:
  An indication to show if the detector is currently in an inhibit state.

To terminate the current connection and connect to another detector, tap **Return to list** at the bottom of the screen.

4.5 Advanced Information



To view more detailed information related to the connected gas detector, tap **Information** on the **Current Reading** screen. This can be useful when commissioning and diagnosing problems with the system.

NOTE

The menu options shown in **Information** can be different according to the device type. Some menu options are only available with Optima Plus or Seachline Excel.

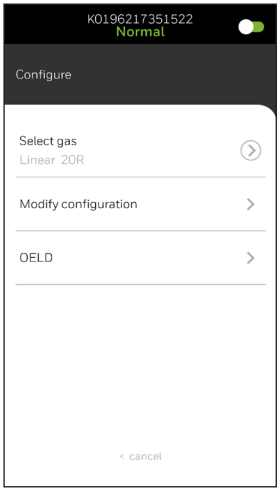
- Unit info:
  View the general information of the gas detector.
- Calibration status:
  View all of the aspects of the calibration of gas detector.
- User config:
  View the user-configurable settings of the gas detector, such as inhibit current and alarm threshold.
- BLE connection:
  View the Bluetooth information of the OELD unit, such as MAC address.
- OELD info:
  View the items that are shown on the display of the OELD unit, such as detectable current ranges.
- Advanced info:
  View the information of the gas detector such as system voltages and internal temperature.
- Advanced config:
  View the information of the Searchline Excel gas detector such as initialization threshold and RSL time.
- Calibration coeffs:
  View the coefficient parameters for calibration of the Optima Plus such as zero factor and span factor.
- System coeffs:
  View the coefficient parameters for system of the Searchline Excel such as temperature factor and zero factor.

To return to the previous screen, tap **Cancel** at the bottom of the screen.

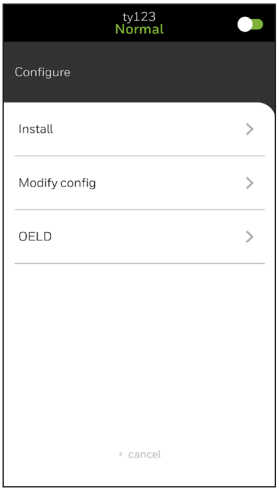
Chapter 5

OELD & Gas Detector Settings

The OELD unit has a range of parameters that can be customized by the user to change the behavior of the OELD as desired. These parameters can be changed using the OELD app. Pair with an OELD unit as described in chapter 4.



Optima Plus



Searchline Excel

5.1 Gas Type

NOTE

This menu is only available with the Optima Plus gas detector.

To specify the target gas currently selected within the Optima Plus gas detector, tap **Configure > Select gas**. Select the desired gas from the list contained within the gas library.

5.2 Installation

NOTE

This menu is only available with the Searchline Excel gas detector.

To specify the distance between the transmitter and receiver of the Searchline Excel, follow these steps:

1. Pair with the target unit.
2. Tap **Configure > Install**.
3. Specify the distance (in meters) between the transmitter and receiver using the plus and minus buttons, and then tap **APPLY**.
4. When **Signal Ok** is displayed, tap **APPLY**.

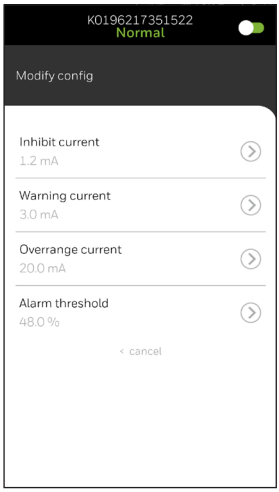
The detector signal must be equal to or higher than the target signal. If **Signal too low** is displayed, re-check the alignment of the transmitter and receiver units. Also check that the path length was correctly set in the previous step — tap **Change path Length** to return to step 3 and re-specify the distance.

When this procedure is successfully completed, the calibration process begins automatically. See Calibration on page 36

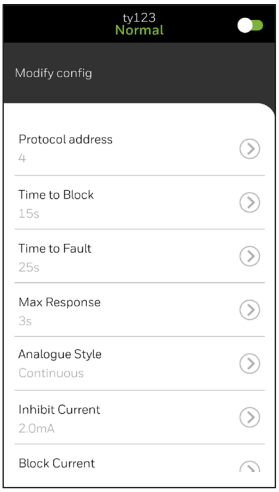
5.3 Detector's Output Current

NOTE

Some menu options are only available with Optima Plus or Searchline Excel.



Optima Plus



Searchline Excel

The Optima Plus and Searchline Excel gas detector use specific levels of current to indicate what its status is. It is possible to change these current levels. To do so, tap **Configure > Modify configuration**.

- **Inhibit current:**
  Specify the level of current output by the Optima Plus or Searchline Excel gas detector when in an inhibit condition.
- **Warning current:**
  Specify the level of current output by the Optima Plus gas detector when a warning occurs.
- **Overrange current:**
  Specify the level of current output by the Optima Plus gas detector when the gas exposure is beyond the maximum detection range.

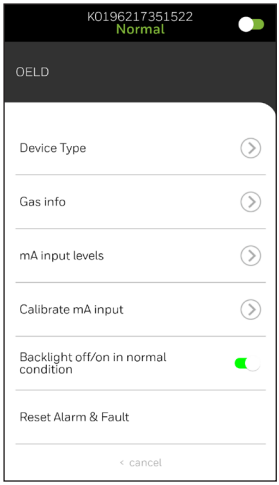
- Alarm threshold:
  Specify the threshold at which point the Optima Plus or Searchline Excel gas detector logs an alarm event to its memory.
- Protocol address:
  Assign a digital address to the Searchline Excel gas detector. The available range of values is from 0 to 255.
- Time to Block:
  Applicable to Searchline Excel only. Specify the time it takes to decide that the beam between the transmitter and the receiver is blocked and issue a warning. The available range of values is from 0 to 600s.
- Time to Fault:
  Applicable to Searchline Excel only. Specify the time it takes for a fault to be raised in the event of the beam between the transmitter and receiver to be blocked. The available range of values is from 0 to 600s.
- Max Response:
  Specify the response time (t90) of the Searchline Excel gas detector. The available range of values is from 1 to 60s.
- Analogue Style:
  Choose the analogue style between alarm and continuous. This configuration parameter is only available with Searchline Excel.
- Block Current:
  Specify the level of current output by the Searchline Excel gas detector when a block warning occurs. The available range of values is from 0 to 4 mA.
- Low Signal Current:
  Specify the level of current output by the Seachline Excel gas detector when the low optical signal condition occurs. The available range of values is from 0 to 4 mA.
- Low Signal Level:
  Specify the level of signal to determine if the optical signal level at the Searchline Excel receiver is low. The available range of values is from 0 to 90%.

- **Report Block Fault:**
  Choose if the fault due to blocked beam is used or not

NOTE

This alarm threshold is separate from the alarm set point at which the OELD unit indicates an alarm condition, which should be set accordingly.

5.4 OELD Display Settings



The OELD unit can be configured on how information is displayed from the connected gas detector.

Detector Type

To specify what type of gas detector is connected to the OELD unit, tap **Configure > OELD > Device Type**. Select the detector type according to the type of gas detector being used from the list of detector types:

- Optima Plus
- Searchline Excel
- Generic Device

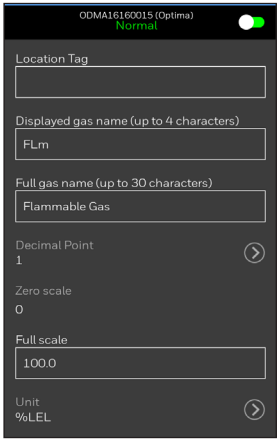
NOTE

Ensure that the detector type is set correctly. Failure to do so may result in malfunction of the OELD App.

Detector Information

⚠ CAUTION

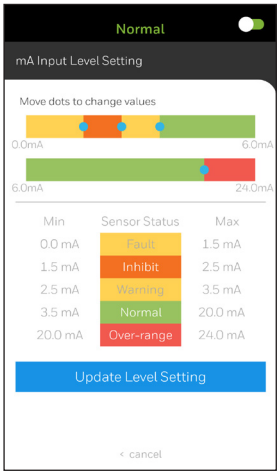
You must always ensure that the parameter configuration matches that of the connected gas detector. Changing these parameters does not automatically update the parameters of the connected Optima Plus, Searchline Excel or other connected gas detectors.



To change the general information settings for the OELD unit, tap Configure > OELD > Gas info.

- Location Tag:
  This can be used to identify the OELD unit. This is the string that also appears in the list of OELD units while performing a Bluetooth scan. The location tag can be up to 25 characters in length.
- Displayed gas name:
  The OELD unit can display a short gas name on its screen, for example, Flm or CH4. The gas name can be up to 4 characters in length.
- Full gas name:
  A more descriptive gas name can be entered into the OELD unit. This gas name can be up to 30 characters in length.
- Decimal Point:
  This specifies the number of decimal places to which the reading on the OELD unit is displayed.
- Full scale:
  This specifies the maximum reading (full scale deflection) that will be displayed by the OELD unit.
- Unit:
  Set the units of measurement for the gas reading from a predefined list. The OELD unit will display the units of measurement on its screen.
- Alarm threshold:
  Specify the threshold at which an alarm situation is indicated by the OELD.

OELD Unit Input Current Detection Ranges



The OELD unit uses the current flowing in the mA loop to determine the gas level and status of the connected gas detector. These can be adjusted to so that the OELD reports the correct status for differing input current levels.

Tap **Configure > OELD > mA input levels**. Drag the sliders shown as • to change values, and then tap **Update Level Setting.**

- Fault:
  This specifies the input current range within which a fault condition will be indicated by the OELD unit.
- Inhibit:
  This specifies the input current range within which an inhibit condition will be indicated by the OELD unit.
- Warning:
  This specifies the input current range within which a warning condition will be indicated by the OELD unit.
- Normal:
  Specify a range of current level to be deemed that the status is normal.
- Over-range:
  This specifies the input current range within which an over-range condition

will be indicated by the OELD unit.

Display Backlight

Each OELD unit is initially set to have their display backlight illuminated in normal operation. It is possible to use the OELD app to change this so that the backlight is switched off during normal operation. To do this, tap **Configure > OELD** and toggle the **Backlight off/on in normal condition** switch control.

Clearing an Alarm or Fault Display

To clear an alarm or fault condition, tap **Configure > OELD > Reset Alarm & Fault.**

Chapter 6

Maintenance

NOTE

This section is only available when using Optima Plus or Searchline Excel gas detectors.

6.1 Inhibit Mode

When maintenance or repair is required, the Optima Plus and Searchline Excel should be placed in inhibit mode.

Activating inhibit mode

To activate the inhibit mode of the Optima Plus, follow these steps:

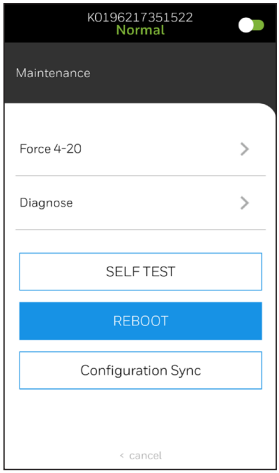
1. Pair with the target unit as described in chapter 4.
2. Tap the toggle button at the top right of the screen.
3. Tab **Yes** when the confirmation dialog box appears. Make sure that the OELD unit's display is backlit orange and the spanner icon is shown.
4. Check that the OELD app is reporting that the detector is in an inhibit condition, shown by the colored ring and buttons also changing to orange and the text **Inhibit** above the gas reading.

Deactivating inhibit mode

To deactivate inhibit mode, follow these steps:

1. Tap the toggle button at the top right of the screen.
2. Tab **Yes** when the confirmation dialog box appears, and make sure that the OELD unit's display backlight turns blue.

6.2 Testing the OELD and gas detector



You can test various functions of the OELD unit and if used, Optima Plus or Searchline Excel gas detector.

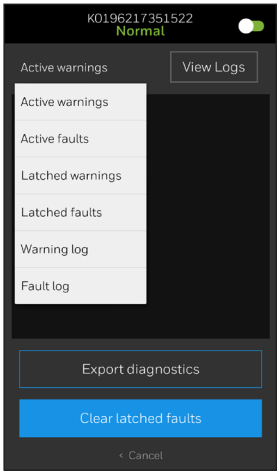
This feature can be used to force the current loop of the Optima Plus or Searchline Excel to any desired value. This is useful when checking that the OELD and connected controller are reporting the correct gas level for a given input value.

NOTE

This feature is only available when using the Optima Plus and Searchline Excel gas detector. Use of this feature may simulate the gas detector detecting gas and as a result alarms may be generated.

1. Pair with the target unit as described in chapter 4.
2. Tap **Maintenance > Force 4-20**.
3. Enter the desired value into the Target value field, tap **FORCE,** and then check that the OELD unit and connected controller show the expected reading. For example:
   - Enter a value of 12.0 mA to force the output of the Optima Plus or Searchline Excel to 50% of the full scale.
   - Enter a value greater than the alarm set point to cause the OELD unit to indicate an alarm condition.

6.3 Viewing Detector Logs



NOTE

This feature is only available when using the Optima Plus or Searchline Excel gas detectors.

You can use the OELD app to check if there are any faults or warnings that have been generated by the Optima Plus or Searchline Excel gas detector.

1. Pair with the target unit as described in chapter 4.
2. Tap **Maintenance > Diagnose**
3. Select a category of errors you want to see from the list box on the top right of the screen and tap **View Logs**.
   - **Active warnings**: A list of warnings that are currently active
   - **Active faults**: A list of faults that are currently active
   - **Latched warnings**: Displays any warnings that have occurred but since been resolved
   - **Latched faults**: Displays any faults that have occurred but since been resolved
   - **Warning log**: The warning history stored within the Optima Plus gas or Searchline Excel detector
   - **Fault log**: The fault history stored within the Optima Plus or Searchline Excel gas detector

To acknowledge all latched warnings and faults, tap **Clear latched faults**.

6.4 Exporting Log Records

Error logs can be exported in CSV format. Tap **Export Diagnostics**. The output log file is saved in the (internal memory) **Download** > **Oeld** folder.

6.5 Running a Self-Test on the OELD

The OELD unit has a self-test function. To perform a self-test on an OELD unit, pair with the target unit as described in chapter 4, and tap **Maintenance > SELF TEST.**

6.6 Restarting Optima Plus or Searchline Excel

When the Optima Plus or Searchline Excel is repeatedly giving issues, restarting it may solve the problem. To restart an Optima Plus or Searchline Excel gas detector, pair with the OELD unit as described in chapter 4, and tap **Maintenance > REBOOT**.

6.7 Syncing Time of Searchline Excel

You can sync the time of the Searchline Excel gas detector with the smart phone. To do so, tap **Maintenance > Time Sync**.

6.8 Syncing Settings between Devices

One OELD unit's and gas detector's settings can be stored so that multiple OELD units and gas detectors are configured with the same settings.

NOTE

The configuration data you saved cannot be used in a different detector type.

Download an OELD unit's and gas detector's settings to use them for other units and gas detectors by following these steps:

1. Pair with the target unit.
2. Tap **MAINTENANCE > Configuration Sync**.
3. Tap **Save Current Configuration** to download and store the configuration data from the paired unit.
4. Scroll down to the bottom of the page and tap **Store to phone**.
5. Tap **OK** in the dialog box that appears.

Upload the stored configuration data to another device by following these steps:

1. Pair with the target unit.
2. Tap MAINTENANCE > Configuration Sync.
3. Tap Send to Detector.
4. Enter the location information into the Location Tag field.
5. Scroll down to the bottom of the page and tap Sync to device.
6. Tap OK in the dialog box that appears.

Chapter 7

Calibration

NOTE

The calibration function is available only with Optima Plus and Searchline Excel gas detectors.

To calibrate a gas detector, follow these steps:

1. Pair with the gas detector to be calibrated as described in chapter 4.
2. Tap **Calibrate**. The detector's inhibit mode is automatically activated.

3. Calibrate the zero point as follows.
   a) If there is any doubt of gas being present in the atmosphere, connect a cylinder of synthetic air to the detector. Enter the serial number of cylinder if required.
   b) On the home screen of the app, tap ZERO
   c) Wait until the countdown is complete.

4. Tap **Next** to calibrate the span.

   NOTE

   - Searchline Excel gas detectors do not include the step to calibrate the span.
   - The span calibration of the Optima Plus gas detector is accurately calibrated at the factory. Under normal circumstances it should not be necessary to perform a span calibration on the Optima Plus. The span calibration should be done under controlled conditions. Refer to the Optima Plus user manual for further details.

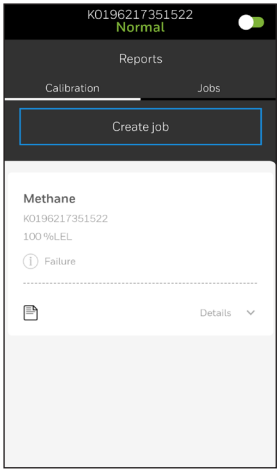
   a) Connect a cylinder of span gas to the detector.
   b) On the home screen of the app, specify the concentration of the span gas using the plus and minus buttons, and tap **Save concentration**. The concentration should be chosen where maximum accuracy is required; either at around the alarm set point or at 50% of the measuring range.
   c) Apply the span gas to the detector, and wait for up to 60 seconds until the reading is stable.
   d) On the home screen of the app, tap **Accept** to start span calibration.

5. Purge the gas sensor.
   a) (Optima Plus only) Remove the span gas from the detector.
   b) If there is any doubt that the detector is not in fresh air, apply cylinder air. Otherwise, a false alarm may occur.

Chapter 8

Calibration Reports

8.1 Creating a Job Report



You can create and share a caliobration report including all of the calibrations conducted.

1. On the home screen, tap **REPORTS > Create Job**.
2. Enter a job number for the new job report.
3. Select the calibrations that you wish to include in the report.
4. Scroll down to the bottom of the page and tap **Create Job Report**.

A preview of the report contents are shown.

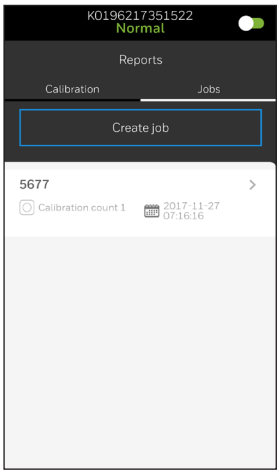
Add your signature to the report: Scroll down to the bottom and tap **Add signature**. Sign in the white box on the screen and tap **Save**.

Send the report via email: Scroll down to the bottom, and tap **Email report**.

NOTE

The report files are saved in the (internal memory) **Download** > **Reports** folder.

8.2 Managing Job Reports



To see the list of job reports, tap **REPORTS** on the home screen and tap the **Jobs** tab.

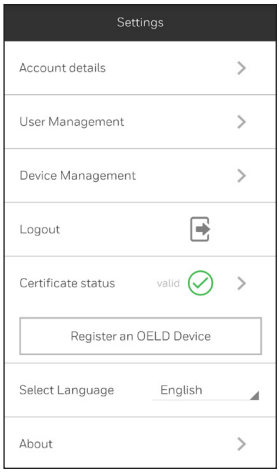
Send a job report via email: Swipe to the right on the report, and tap **Send**.

Delete a job report Swipe to the right on the report, and tap **Delete**.

Chapter 9

App Settings

Tap SETTINGS on the home screen to set up the user preferences of the OELD app.



View the details of the user account: Tap Account details.

Log off from the app: Tap Logout.

View the security certificate: Tap Certificate status.

Choose a language for the user interface: Select the desired language from the Select Language list.

View the app information: Tap About.

Appendix A

Safety Information for Wireless Devices

A.1 FCC Compliance

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.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

NOTE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

⚠ CAUTION

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This device has very low levels of RF energy that it is deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

Appendix B

Contact Information

For more contact information, visit www.honeywellanalytics.com.

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Honeywell

Keep this manual for later use.

Revision 2