tagMOD
Bluetooth tag module for DL-H/HX

PWR THRU AUX ANT

Bluetooth tag module for collecting data integrated with the digiDL-H/HX


USB   PWR ACT CON
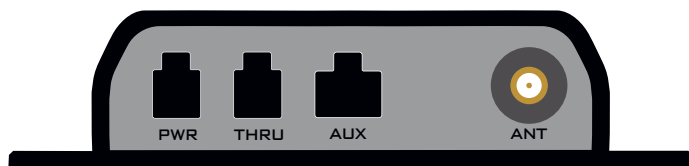
Prior to installation

1. Register the tagMOD on the digicentral '**Devices**' tab. The password is printed on the tagMOD box label.
2. Create alerts and register each (BLE) tag on the digicentral '**Tags**' tab (see pages 'Alerts' and 'Adding tags').
3. Once you have added all tags, click the '**Publish to devices**' button. All the tags in the list will be published to all tagMOD devices within the account. Tags with no associated tagMOD will be added to all devices on the digicentral account (primarily useful for 'presence' tags).

Pairing the tagMOD

4. Connect the 6pin-6pin link cable with red connectors to the 'AUX' port on the front of the digiDL-H/HX and the 'AUX' port on the tagMOD.
5. Connect the 4pin-4pin cable to the 'C+P out' port on the back of the digiDL-H/HX and the 'PWR' port on the tagMOD.
6. Once the green 'ACT' LED lights on the tagMOD, you must remove the 6pin-6pin link cable.
7. The tagMod will then begin its initial configuration process.
8. Within 15 seconds you should see all three LEDS light up on the tagMOD.
9. Within 4 minutes the tagMOD will have received the tag list from digicentral and will then reboot.
10. The green LED will flash a certain number of times every 10 seconds. This flash count should match the number of registered tags that are in range.

DL-H/HX Back

DL-H/HX Front

6pin-6pin

4pin-4pin
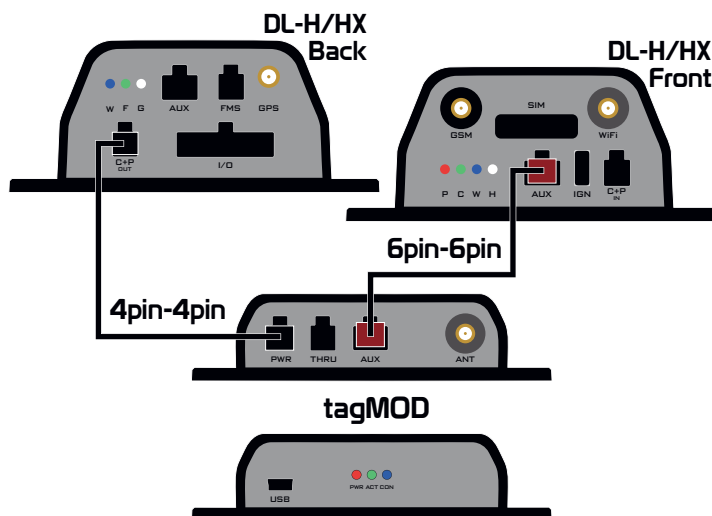
tagMOD

After installation

11. On digicentral-web go to the '**Vehicles**' tab and click '**Latest values**'.
Select the vehicle of the newly installed tagMOD and ensure that you can see the tag data.

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tagMOD Alerts

To create tag alerts on digicentral please ensure you are running digicentral-web version 1.41 or later.

Adding alerts on digicentral

We recommend creating your alerts prior to registering your tags as you can then assign the alerts to your tags during the tag registering process.

To add an alert, go to the '**Tags**' tab on digicentral-web and then select '**Alerts'** and then click **Add new alert**'.

Add New Alert:

Alert Name:	
Data Type:	⌄
Threshold Type:	⌄
Threshold 1:	
Threshold 2:	
Alert Condition Period:	Time Scale: Minutes ⌄

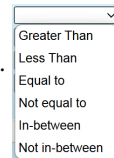[Confirm] [Cancel]

1.   **Alert Name:** Enter a name to define the alert.

2.   **Data Type:** Select from the pre-defined list. *Note: The selected data type will define which threshold types are available.*

Presence
Humidity
Temperature
Proximity
Magnet
PIR
Movement
Battery
Pressure
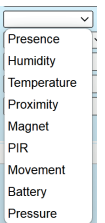
3.   **Threshold Type:**
Select from the pre-defined list.

Greater Than
Less Than
Equal to
Not equal to
In-between
Not in-between

4.   Threshold 1 (and 2): You then need to define the threshold in reference to the threshold type. See temperature example below.

Add New Alert:

Alert Name:	Temperature Warning
Data Type:	Temperature ⌄
Threshold Type:	Not in-between ⌄
Threshold 1:	3 °C
Threshold 2:	8 °C
Alert Condition Period:	2 Time Scale: Minutes ⌄

[Confirm] [Cancel]

In this example, an alert will be created for when the temperature registers outside of the 3°C and 8°C parameters for two or more minutes. This means anything 2°C or lower or 9°C and higher.

5.   Alert Condition Period: This defines the duration of time that the threshold conditions are met before triggering the alert. If this is left blank it will trigger the alert as soon as the threshold conditions are met. Within the above example, once the threshold conditions have returned to the desired temperature (between 3-8°C), the next time the threshold conditions are met it would then trigger another alert (and so on...).

6.   Confirm: Once completed, click '**Confirm**' to add your alert.

7. Assigning alerts: You will then find the alert(s) available when registering or editing your tags (see page 'Adding Tags').

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tagMOD Adding tags

Adding tags on digicentral

To add tags on digicentral please ensure you are running digicentral-web version 1.41 or later.

To add a BLE tag, go to the '**Tags**' tab on digicentral-web and then click '**Add new tag**'.

Tags

Add new tag

Tag Type:	* Select...
MAC Address:	*
Name:	*

Feature:	Name:	Interval (minutes): Alert:
Roaming:	●	
Linked to tagMod:	○	

[Confirm] [Cancel]

1. **Tag Type:** Select from the pre-defined list.

Select...
- Any BLE MAC Address
- ELA Blue COIN ID
- ELA Blue COIN T
- ELA Blue COIN MAG
- ELA Blue PUCK ID
- ELA Blue PUCK T
- ELA Blue PUCK RHT
- ELA Blue PUCK MAG
- ELA Blue PUCK PIR
- ELA Blue PUCK PROXIR
- ELA Blue SLIM ID
- ELA Blue LITE ID
- ELA Blue AERO ID
- Teltonika EYE
- Teltonika EYE Sensor
- ATC
- TPMS V11

Once the 'Tag Type' is selected, the 'Feature' section will expand to show the relevant fields.

2. **MAC Address:** Enter the tag's MAC address.

You can use the digifobpro's 'BLE Reader' app to find and input the MAC address of each tag. The digifobpro will display the MAC address of the closest tag and when connected to a PC via USB can input the MAC address directly to digicentral.

3. **Name:** Enter a name or description to help you identify the tag.

4. **Feature:** You can toggle each feature on/off by clicking the tick box. This defines which data types are sent to digicentral.
Name: You can edit each feature name if required, but the primary identification should be covered in the Tag 'Name' (see 3.)
Interval: For humidity and temperature features you are able to change the 'interval'. This is how often the tagMOD will send this data back to digicentral (ie you will receive the temperature and humidity values every 10 minutes).
Alert: You can then assign an alert to each specific feature. (See page 'Alerts').

Tag Type:	* Teltonika EYE Sensor		
MAC Address:	* 7C:D9:F4:12:01:77		
Name:	* Test EYE Sensor		

Feature:	Name:	Interval (minutes):	Alert:
☑ Presence	Presence	On Change	Not Present
Example Alert:	Test EYE Sensor-Presence (Equal to Not present) Value		
☑ Teltonika Humidity	* Humidity	* 10	Below 40%
Example Alert:	Test EYE Sensor-Humidity (Less than 40 %) Value %		
☑ Teltonika Magnetic	* Magnetic	On Change	Disengaged
Example Alert:	Test EYE Sensor-Magnetic (Equal to Not engaged) Value		
☑ Teltonika Movement	* Movement	On Change	Motion detected
Example Alert:	Test EYE Sensor-Movement (Equal to Motion) Value		
☑ Teltonika Temperature	* Temperature	* 10	Above 8°
Example Alert:	Test EYE Sensor-Temperature (Greater than 8 °C) Value °C		
Roaming:	●		
Linked to tagMod:	○		

[Confirm] [Cancel]

5. **Roaming:** To allow a tag's data to be collected by all tagMOD devices within an account, select 'Roaming'. To restrict a tag to a specific tagMOD device (vehicle) select 'Linked to tagMOD' and then select the tagMOD serial number from the list.

6. **Confirm:** Once completed, click '**Confirm**' to add your tag.
Once you have added all your tags, click '**Publish to devices**'.

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