

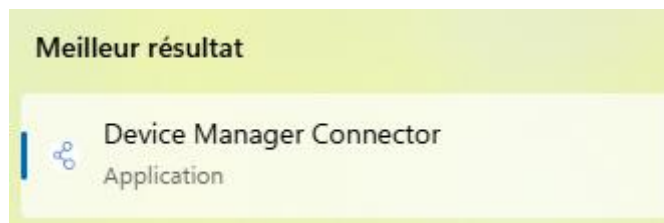
Device Manager Connector

The **Device Manager Connector** application executes the command for ELA Innovation's Bluetooth® tags. This software offers a user interface that enables you to test features in a tag's BLE connected mode. You can use Device Manager Connector to send basic commands to control tags in ELA Innovation's Blue product line.

The application is free to download, and available on the Microsoft Store. Version 2.2.0 , and enables you to manage data logger functions.

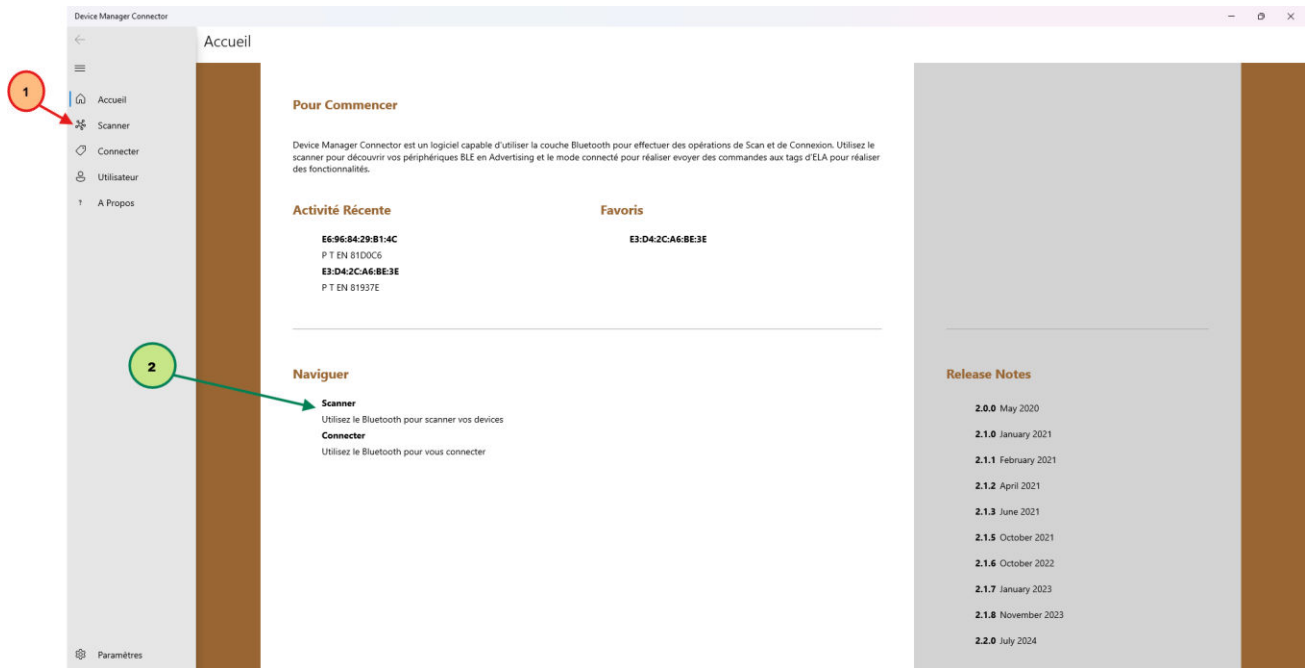
Launching the application

Open Device Manager Connector by clicking on the associated icon or by entering the application name in the Windows search bar: **Device Manager Connector**.




Once the application is running, we recommend that you use the “**Scanner**” function to discover tags within wireless range and select the tag that you want to use. There are two ways to access this function:

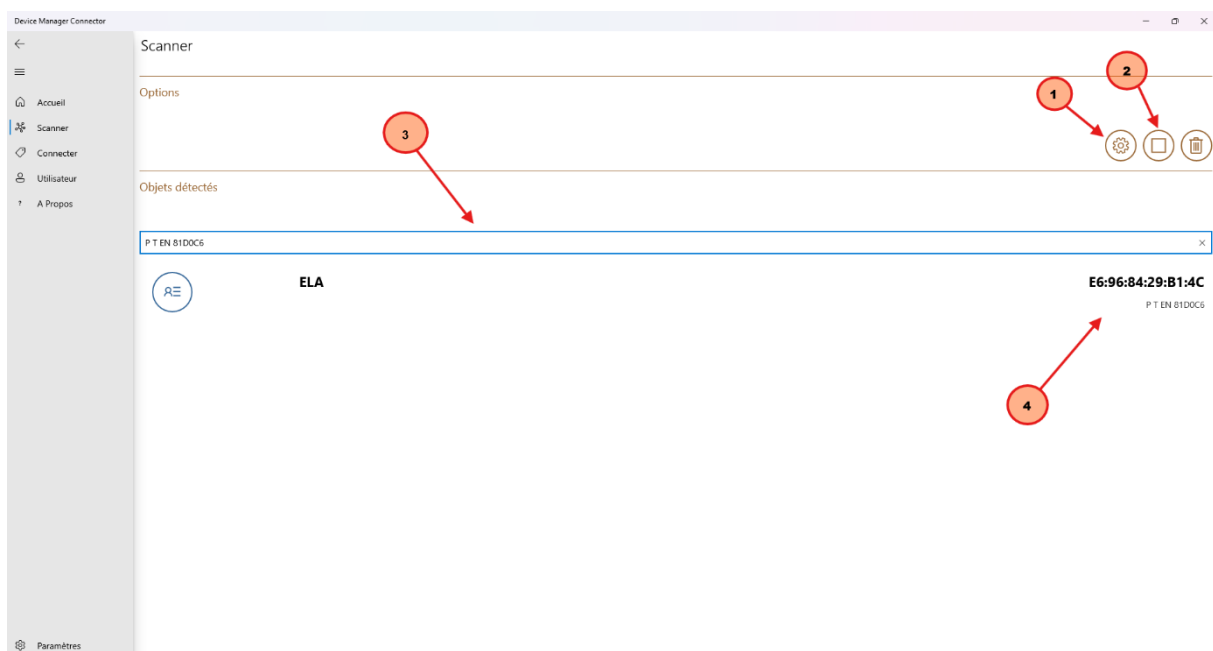
- By clicking on the IoT icon **(1)** on the left-hand side of the menu bar
- The **Scan** button on the application's home page **(2)** (Navigate menu)



In the Scanner function, you can look for BLE devices of your choice by clicking on

the **Bluetooth Scan button** . If you are looking for a specific tag, you can use the filter option to find your desired tag that you want to access. Further, the search bar enables you to browse through all the tags detected around you along with the MAC address, tag name, etc.

- (1): Scan preferences (show only tags with a default name)
- (2): Start / stop scan
- (3): Search bar
- (4): List of detected tags



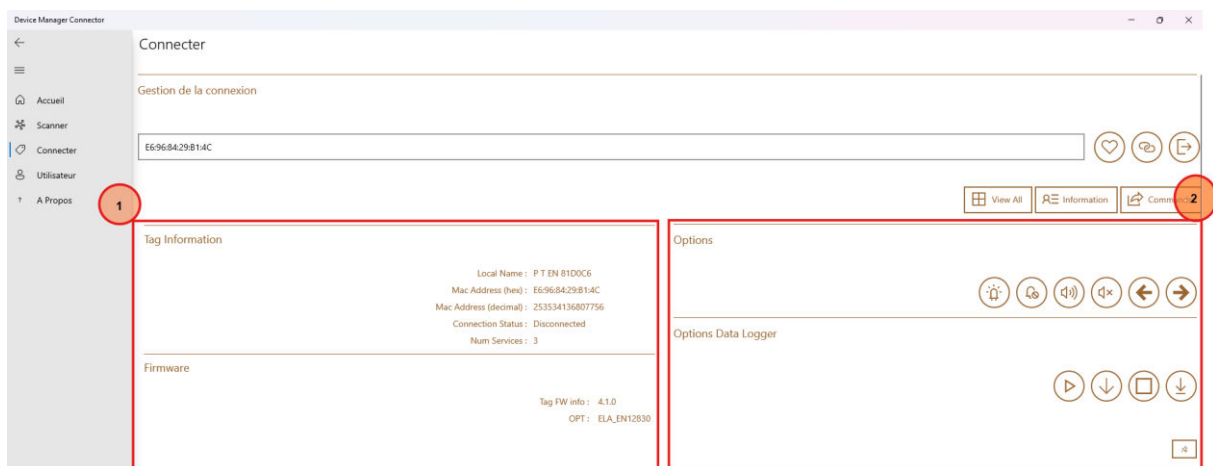
Simply click on the tag of your choice you would like to connect.

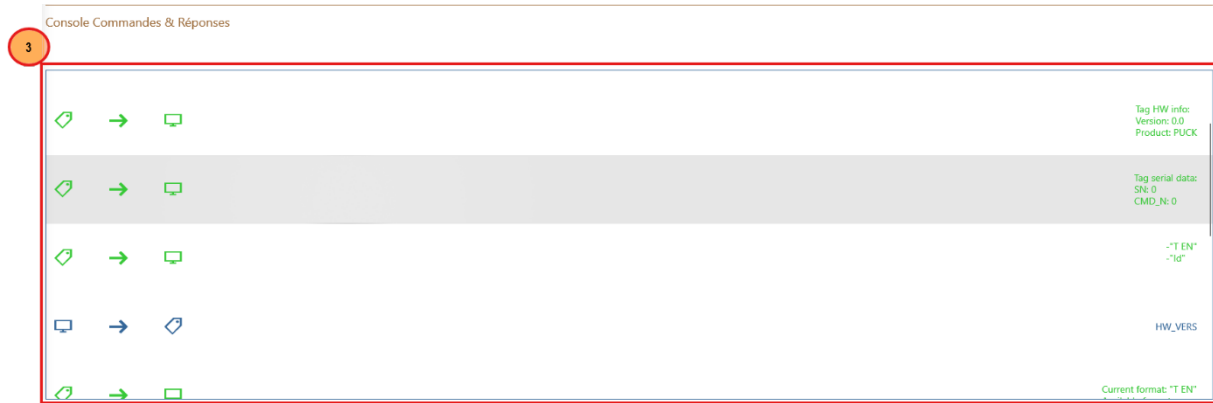
Then, it will redirect you to the “**Connect**” tab, which displays all the information and available commands for the selected tag as shown in the image below:



The tag connection screen is divided into three main sections:

- (1): General information
- (2): All available commands
- (3): Command Console








General information

The information section displays all tag-related data. Each part is updated based on the data present (or not present) on the tag. The firmware version for **EN 12830** tags is **4.1.0** with an OPT option: **ELA_EN12830**.

Commands

All the commands available for the data logger are available in the **Data Logger Options** section. The following table below contains each button, and their functions.

Order	Information	
DATALOGGER_START		Starts data logger and records start date/time
DATALOGGER_STOP		Stops datalogging on the tag
READ_DATA		Retrieves all data logger values

Console

The console section shows the transmission/reception actions for Bluetooth® commands. This display is for informational purposes, enabling you to follow:

- Commands sent to the tag (in the image below, the pictograms represent the sending action; the command being sent is indicated on the right).

- Commands received by the tag (in the image below, the pictograms represent the receiving action; the information received is indicated on the right).

For each command sent to the data logger, you must enter the password to confirm whether the command should be sent. In Device Manager Connector, the password can be configured in the **Settings Window**.



Go to the Bluetooth Configuration section to define the **Bluetooth Password**:

Mot de Passe Bluetooth : 123456789A ×

The password to use here is the one that was defined during tag configuration. For more information, see Chapter 3 - General (Security).

Starting the data logger

To use the application to retrieve data from a data logger, the data logger must first have been started (with the **DATALOGGER_START** command). To do this from the

tag connection screen, click on the **PLAY** button  to start the data logger.

The application prompts you to enter the password, which is required to execute commands.

A pop-up window enables you to define the start time. Fill in the following fields:

- (1): Data logger start date
- (2): Data logger start time

- **(3)**: Time zone in which the data logger is started

Then click on **Send** to transmit the settings or **Cancel** to return to the previous screen without taking any action.

Définition Heure de Départ

Définition de la date de début du data logger

Date de Début :

24	juillet	2025
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Heure de Début :


11	30
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GMT :


Changement de date	▼
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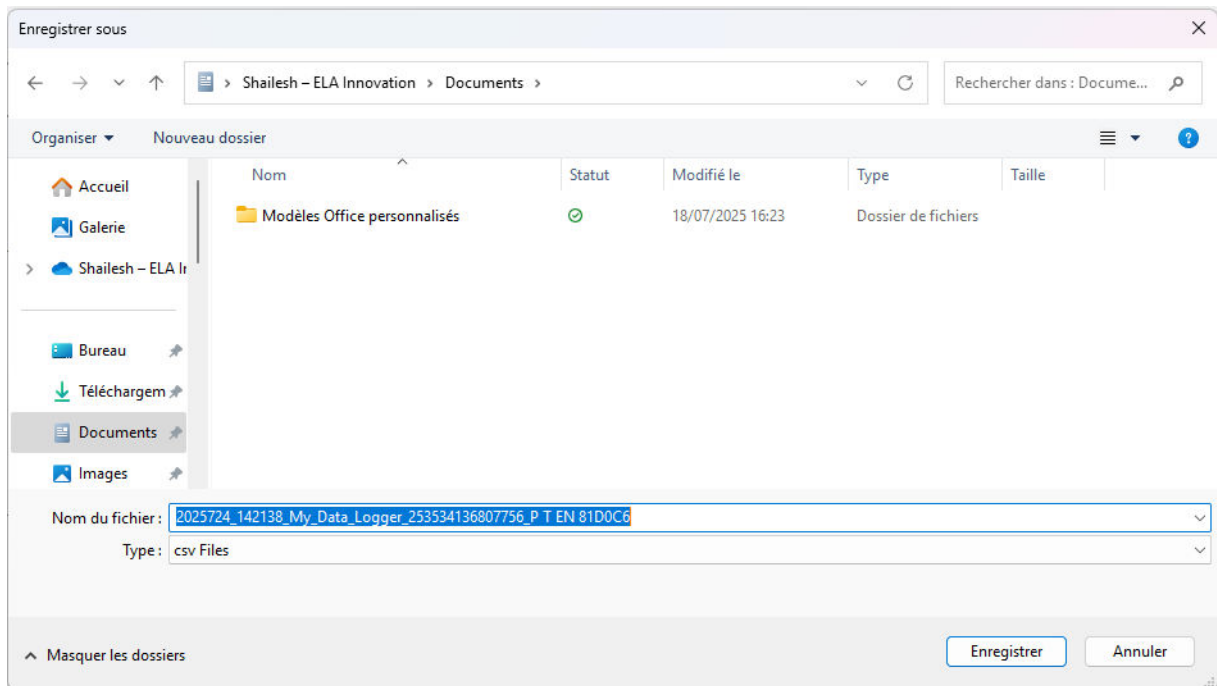
Cancel Send

Stopping the data logger

To stop data logger recording, click on the **STOP** button . When you click on the button, the password pop-up window opens. Enter the password to continue.

Reading the data logger

To read the data stored on the data logger, click on the **READ_DATA** button or on Download . When you click on the button, the password pop-up window opens. Enter the password to continue. The “**Save as**” window opens so you can save the data locally in a **.CSV** format file. The file name field contains a proposed default name for the file.



A download progress window shows the status of the file download. If the data logger is not running, then an error message will be displayed. Otherwise, data is retrieved progressively, as shown below:



Téléchargement Data logger



Nombre de données téléchargées : 46



READ_DATA: Success

---DOWNLOAD_START---

Firmware version: 4.1.0

MacAddress: E6:96:84:29:B1:4C