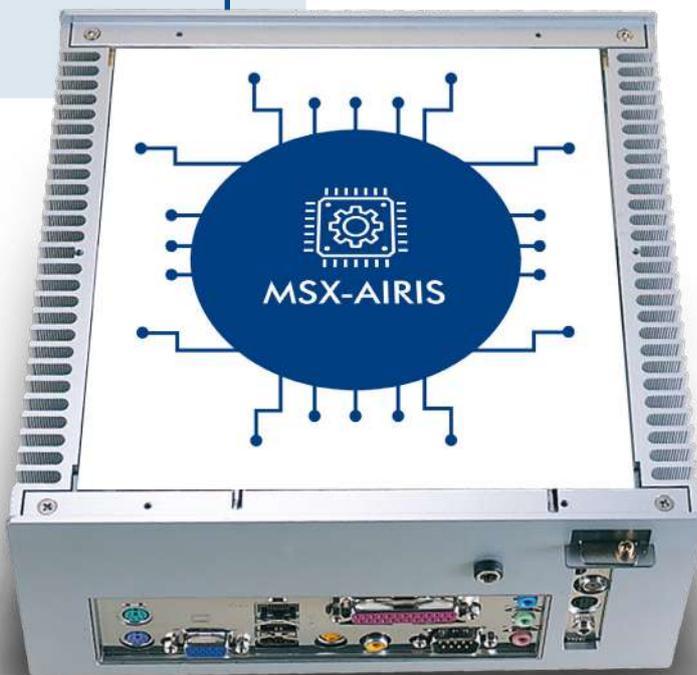


# USER MANUAL

**MSX-AI-5000**  
Edge AI vision system



# TABLE OF CONTENTS



<b>Product information</b>	<b>3</b>
- Warranty and liability	3
- Copyright	3
- ADDI-DATA software product licence	4
- Trademarks	4
<b>Brief description</b>	<b>5</b>
- Features	5
- Included components	5
- Optional components	5
<b>Connecting the peripherals</b>	<b>6</b>
<b>Web application user guide</b>	<b>7</b>
- Connection to the system	7
- Create a new account	7
- User login	8
- Menu	8
- Camera settings	9
- Access to cameras settings	9
- Cameras configuration	9
- Save a media	11
- Close the session	11
- Configuration file	12
- Media	13
- Snapshots	13
- Recordings	14
- Task launch	15
- Add task(s)	15
- Save task(s)	17
- Watch the task	19
- Dataset	20
- Add a new dataset	20
- Edit a dataset	23
- Notifications	26
- Settings	26
- Agent settings	26
- Types of settings	29
- User management	31
- User profile	33
- Languages	34
- Logout	34
<b>Return of the material</b>	<b>35</b>
<b>Contact and support</b>	<b>36</b>

# PRODUCT INFORMATION

This manual contains the technical installation and important instructions for correct commissioning and usage, as well as production information according to the current status before printing. The content of this manual and the technical product data may be changed without prior notice. ADDI-DATA GmbH reserves the right to make changes to the technical data and the materials included herein.

## Warranty and liability

The user is not permitted to make changes to the product beyond the intended use, or to interfere with the product in any other way.

ADDI-DATA shall not be liable for obvious printing and phrasing errors. In addition, ADDI DATA, if legally permissible, shall not be liable for personal injury or damage to materials caused by improper installation and/or commissioning of the product by the user or improper use, for example, if the product is operated despite faulty safety and protection devices, or if notes in the operating instructions regarding transport, storage, installation, commissioning, operation, thresholds, etc. are not taken into consideration.

Liability is further excluded if the operator changes the product or the source code files without authorisation and/or if the operator is guilty of not monitoring the permanent operational capability of working parts and this has led to damage.

## Copyright

This manual, which is intended for the operator and its staff only, is protected by copyright. Duplication of the information contained in the operating instructions and of any other product information, or disclosure of this information for use by third parties, is not permitted, unless this right has been granted by the product license issued. Non-compliance with this could lead to civil and criminal proceedings.

## ADDI-DATA software product license

Please read this license carefully before using the standard software. The customer is only granted the right to use this software if he/she agrees with the conditions of this license.

The software must only be used to set up the ADDI-DATA products.

Reproduction of the software is forbidden (except for back-up and for exchange of faulty data carriers). Disassembly, decompilation, decryption and reverse engineering of the software are forbidden. This license and the software may be transferred to a third party if this party has acquired a product by purchase, has agreed to all the conditions in this license contract and the original owner does not keep any copies of the software.

## Trademarks

- ADDI-DATA, APCI-1500, MSX-Box and MSX-E are registered trademarks of ADDI-DATA GmbH.
- Turbo Pascal, Delphi, Borland C, Borland C++ are registered trademarks of Borland Software Corporation.
- Microsoft .NET, Microsoft C, Visual C++, MS-DOS, Windows XP, Windows 7, Windows 8, Windows Server 2000, Windows Server 2003, Windows Embedded and Internet Explorer are registered trademarks of Microsoft Corporation.
- Linux is a registered trademark of Linus Torvalds.
- LabVIEW, LabWindows/CVI, DASyLab, DIAdem are registered trademarks of National Instruments Corporation.
- CompactPCI is a registered trademark of PCI Industrial Computer Manufacturers Group.
- VxWorks is a registered trademark of Wind River Systems, Inc.
- RTX is a registered trademark of IntervalZero.
- Google Chrome is a trademark of Google LLC.
- Mozilla Firefox is a registered trademark of Mozilla Foundation.

# BRIEF DESCRIPTION

MSX-AI-5000 edge vision systems are intended to capture video streams from several industrial cameras, to run embedded vision algorithms in real-time, and to visualize the ongoing processing as a live stream. The system comes with two user interfaces: an Android application and a web browser interface. They allow you to setup, monitor and live visualize the machine vision applications. The web browser interface also allows you to centrally manage the deployed devices.

## Features

- NVIDIA® Jetson Xavier™ NX
- 8GB LPDDR4x
- Multi-storage option: 16GB eMMC / MicroSD slot / mSATA slot / 2.5 drive bay
- GbE PoE/PSE LAN x 2
- HDMI Input x 1 & HDMI Output x 1
- Digital I/O 13-channel
- Expansion support for WiFi/LTE

## Included components

- 1x hardware module
- 1x power supply cable
- 1x LAN Ethernet cable
- 2x Wi-Fi antennas

## Optional components

- Cameras (optional)
- Camera cables
- Mounting system
- Light system

# CONNECTING THE PERIPHERALS

## Power supply

Connect the power supply cable to the DC IN 12~24V port of the module and to your power grid.

## Ethernet

If you need to establish a wired connection, plug the Ethernet cable to the module's LAN port and to your internal Ethernet network.



Please note that the PoE ports aren't suitable for this purpose.

## Cameras

If you use Ethernet cameras, connect them to the module's **Power Over Ethernet (PoE)** ports.

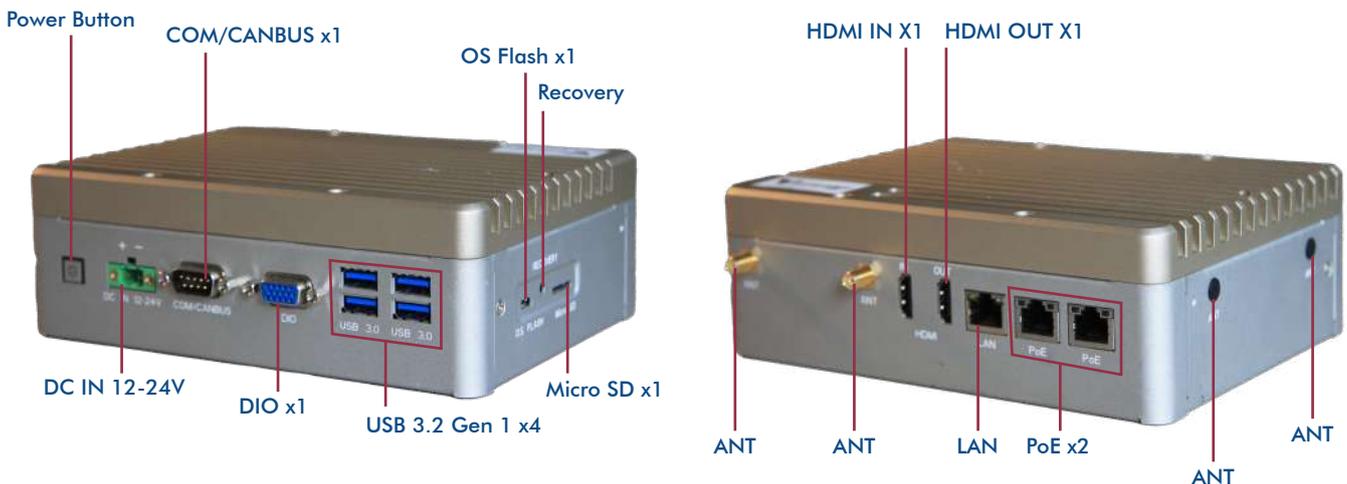


Please note that the LAN port isn't suitable for this purpose.

If you use USB cameras, connect them to the module's **USB** ports.

## Antennas (optional)

If needed, connect the Wi-Fi antennas to the ANT ports.



# WEB APPLICATION USER GUIDE

## Connection to the system

Turn on the MSX-AI-5000 and wait a few minutes for the system to boot up.

## Create a new account

If you start the application for the first time, you have to create an account.



If you already have an account, please go to the next section.

### First connection

**!** In the user inputs, it is forbidden to use spaces, as well as the following special characters: " ' =

**Name**

**Email**

**Password**

*The password must be composed of a minimum of 8 characters and contain an uppercase letter, a lowercase letter, a number and a special character.*

**Confirm Password**

**Access rights**

CREATE NEW USER

To create an account, all fields are mandatory. The name field must contain between 3 and 30 characters. The field for the email address must contain "@". The password must meet the following criteria:

- be at least 8 characters long
- contain a lowercase, an uppercase, a number and a special character

The first user of the application to create an account must be an **administrator**.

## User login

Log in to the user account provided by your organization.



If you don't have an account, please go to the previous section.

**Username**  
Admin

---

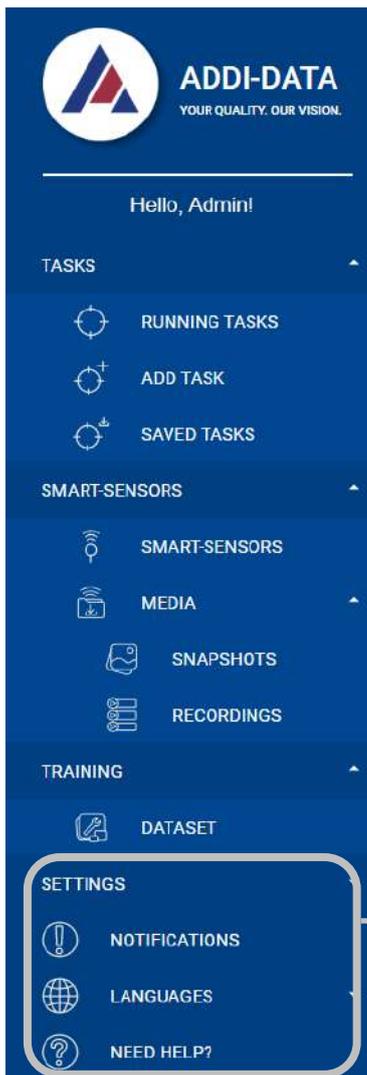
**Password**  
..... 

---

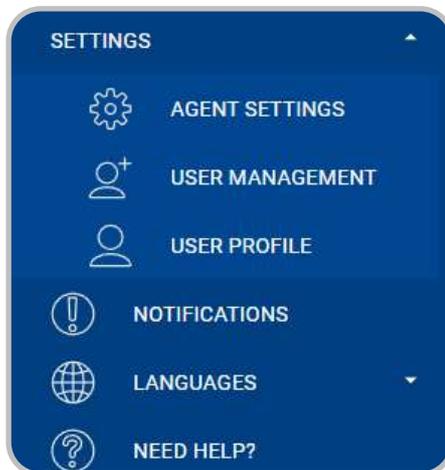
Remember me

**LOGIN**

## Menu



The main menu is on the left of the screen. It allows to access the different items.

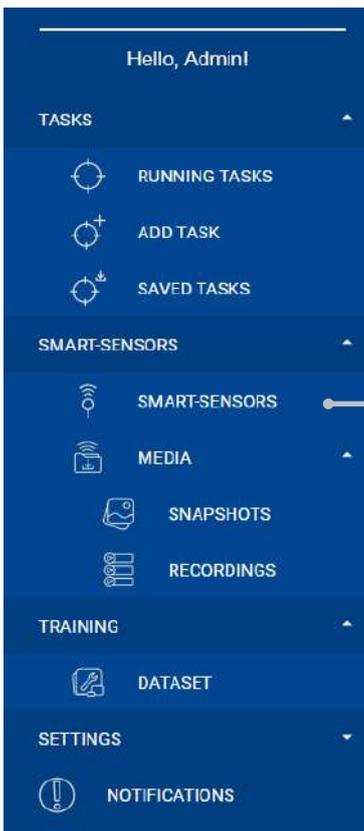


Each item is represented by an icon, making it easier to understand and find your way around.

You can open or close the sections of the menu by clicking on the heading.

## Camera settings

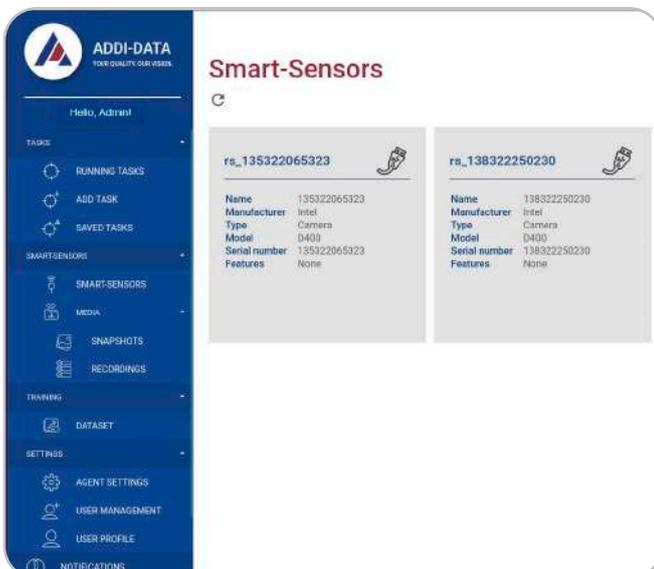
### ► Access to camera settings



Within the menu, click on the **"SMART SENSORS"** tab to access the sensor settings.



### ► Configure camera(s)

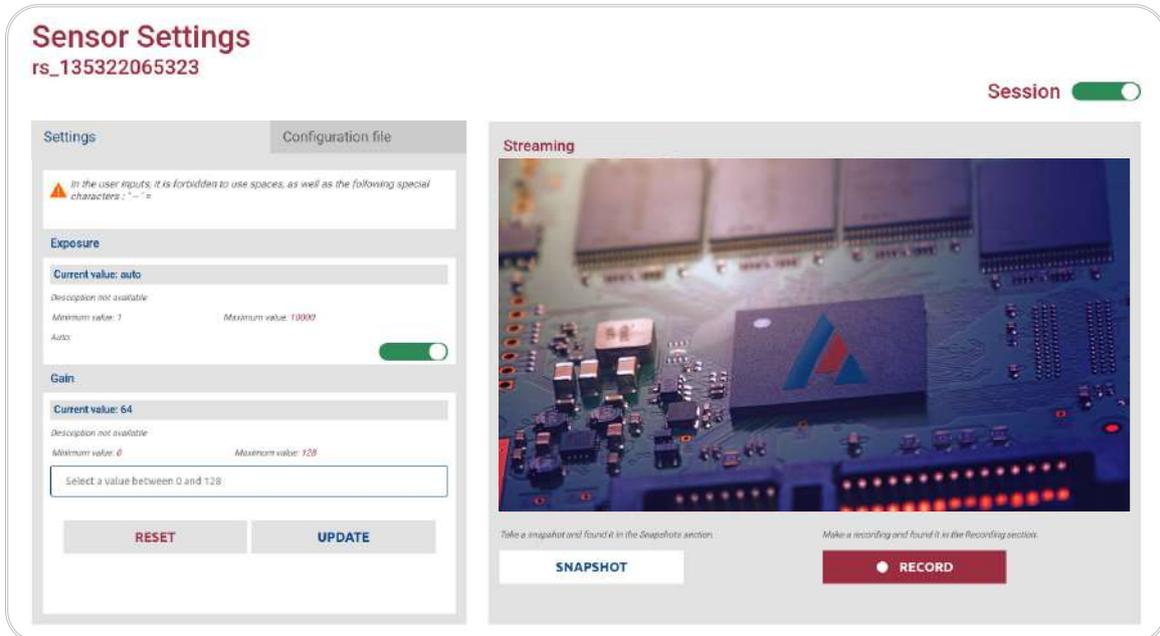


Select the camera you want to configure.

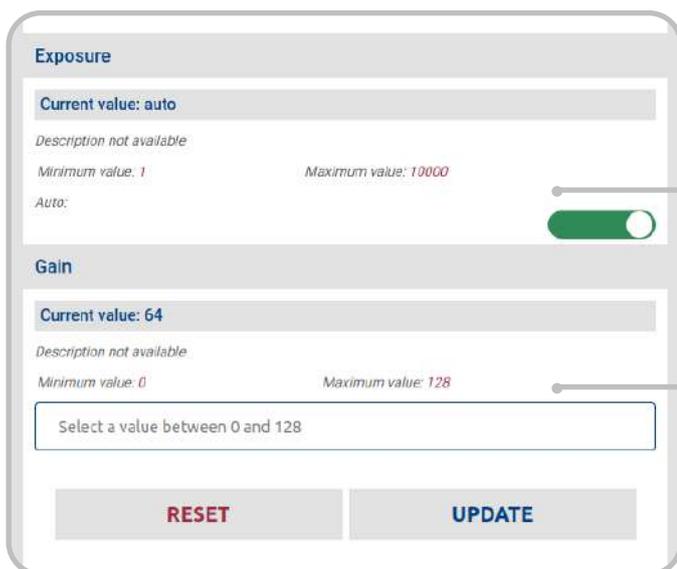
A symbol for each camera appears in the right top corner, representing the type of connection of the camera.

The  button allows to refresh the page.

You can set different parameters depending on the cameras. The updates are displayed in real-time. The settings you've made are stored in the system.



 In the user inputs, it is forbidden to use spaces, as well as the following special characters: " \_ - =

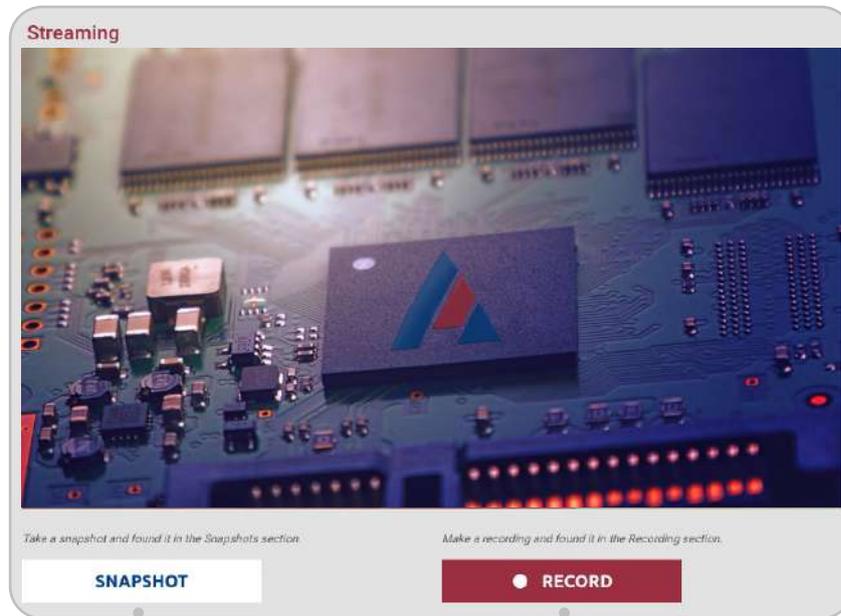


At this step, you can modify different parameters in real time.

You can adjust the exposure manually or just put an automatic exposure.

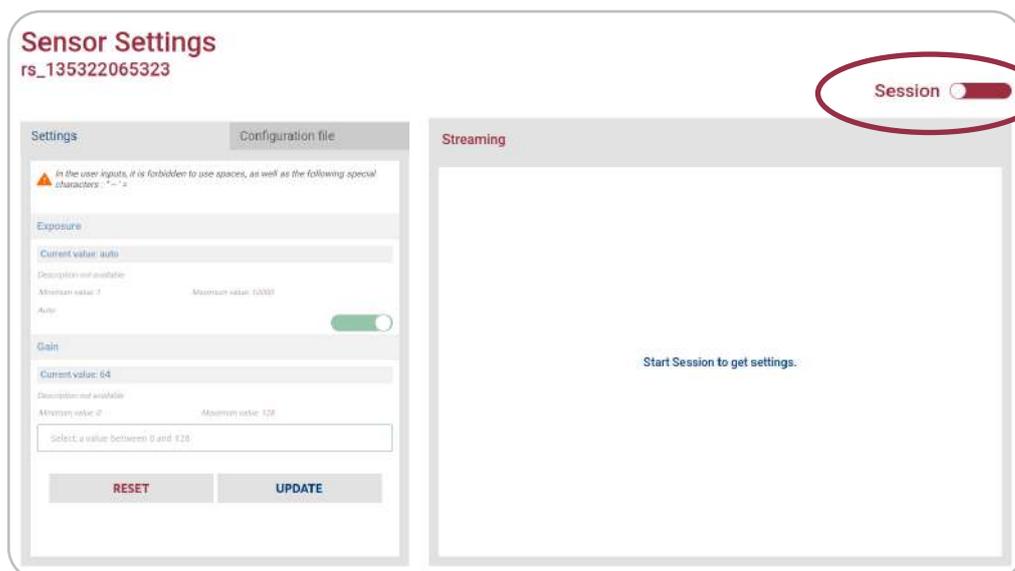
You can adjust the gain of the video stream to manage the visual noise.

► **Save a media**



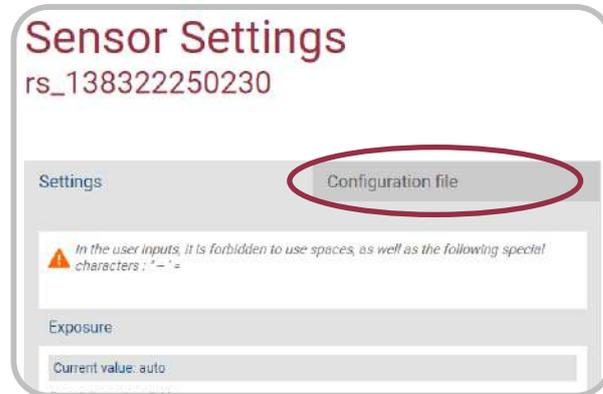
You can take a snapshots or recordings with the cameras.  
You may find your recordings and snapshots in the Media section of the application.

► **Close the session**

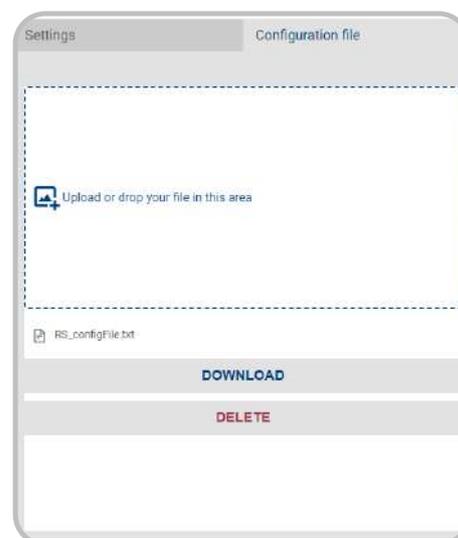
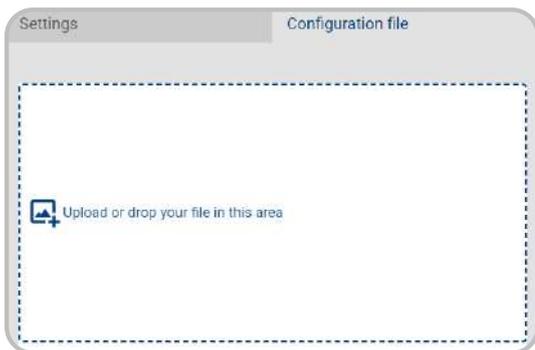


You can close the session with the top right button.

► **Configuration file**



Click here to open the **"Configuration file"** tab.



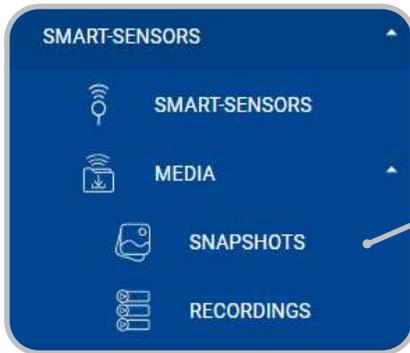
An uploaded file can be downloaded or deleted. If you delete a file, the default settings will be restored.

If the configuration file is compliant, click on the **"UPLOAD"** button for validation.

 The file must be a text file complying with the manufacturer's specifications.

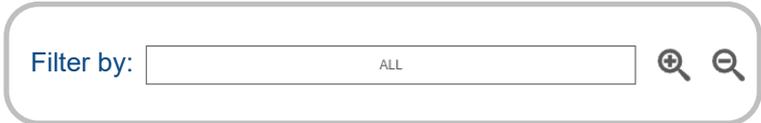
## Media

### ▶ Snapshots



Click here to see the gallery of snapshots.

Click on the section **"Filter by"** to sort or filter the snapshots.



### Gallery



You can download, rename and delete the snapshots.



▶ Recordings



Click here to see the list of recordings.

### Smart-Sensor recordings

**List of recordings**

rs_138322250230_2022-06-16T02-38-10UTC <small>Created: 4-5-2022 2:38 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T02-48-29UTC <small>Created: 4-5-2022 2:40 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T02-48-39UTC <small>Created: 4-5-2022 2:40 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T02-49-45UTC <small>Created: 4-5-2022 2:40 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T02-51-22UTC <small>Created: 4-5-2022 2:51 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T03-10-19UTC <small>Created: 4-5-2022 3:10 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T03-17-00UTC <small>Created: 4-5-2022 3:17 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T03-56-43UTC <small>Created: 4-5-2022 3:56 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-18T02-53-26UTC	⋮

**Record Preview**

Select a recording to play it.

Click on one of the recordings in the list to view it.

**Smart-Sensor recordings**

**List of recordings**

rs_138322250230_2022-06-16T02-38-10UTC <small>Created: 4-5-2022 2:38 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T02-48-29UTC <small>Created: 4-5-2022 2:40 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T02-48-39UTC <small>Created: 4-5-2022 2:40 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T02-49-45UTC <small>Created: 4-5-2022 2:40 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T02-51-22UTC <small>Created: 4-5-2022 2:51 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T03-10-19UTC <small>Created: 4-5-2022 3:10 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T03-17-00UTC <small>Created: 4-5-2022 3:17 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-16T03-56-43UTC <small>Created: 4-5-2022 3:56 Smart-Sensors rs_138322250230</small>	⋮
rs_138322250230_2022-06-18T02-53-26UTC	⋮

**Record Preview**



⋮

Play

Download

Rename

Delete

⋮

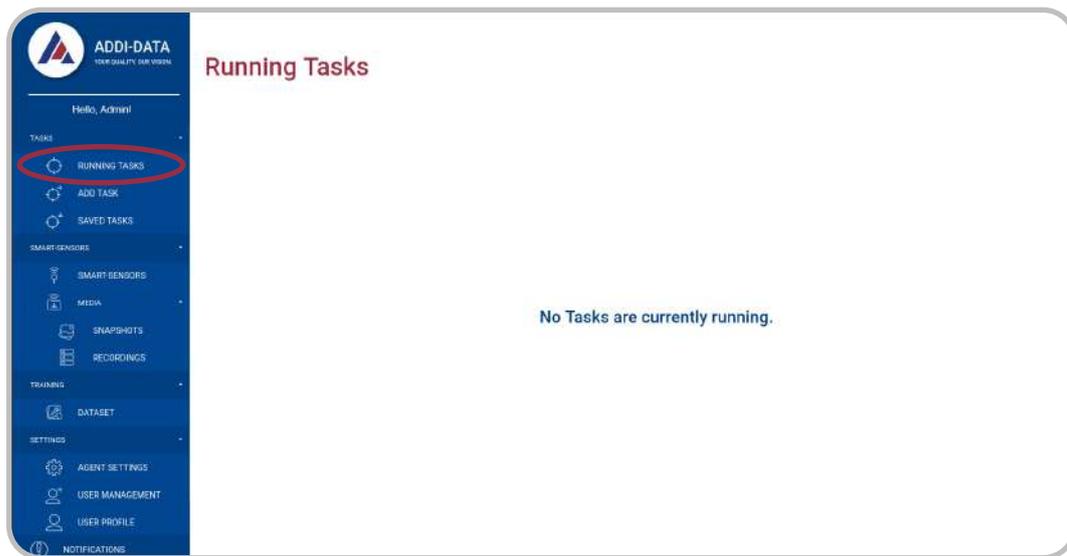
⬇️

You can play, download, rename and delete recordings.

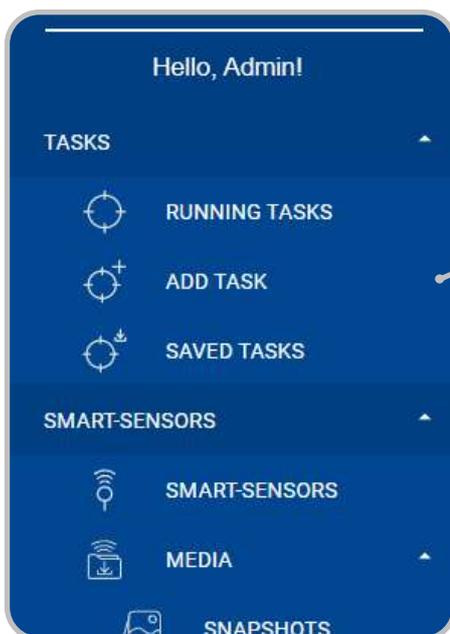
You can download the recordings.

## Task launch

► Add task(s)



If there are no running tasks, the following message is displayed: **"No Tasks are currently running"**.



Within the menu, go on the **"TASKS"** rubric to open the task menu, and click on the button **"ADD TASK"** to add a new task.

## Add Task

### Available Tasks

- computing\_pointcloud/pointcloud  
Description not available
- getting\_color\_frame/color\_frame  
Description not available
- probe\_skill\_cpp/skill\_cpp  
Description not available
- probe\_skill\_python/skill\_python  
Description not available
- result\_skill/BaseResultTask  
Description not available
- result\_skill/FastResultTask  
Description not available

### Smart-Sensors and Recordings

#### Smart-Sensors

- rs\_135322065323
- rs\_138322250230

#### Recordings

- 15
- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24

### Settings

In the user inputs, it is forbidden to use spaces, as well as the following special characters: " - ' =

#### Predefined text array\*

Array to test the predefined value array.

- person
- car
- cup
- chair

#### Predefined text

Array to test the predefined value array.

PERSON

#### Test Array

**Current value: not set yet.**

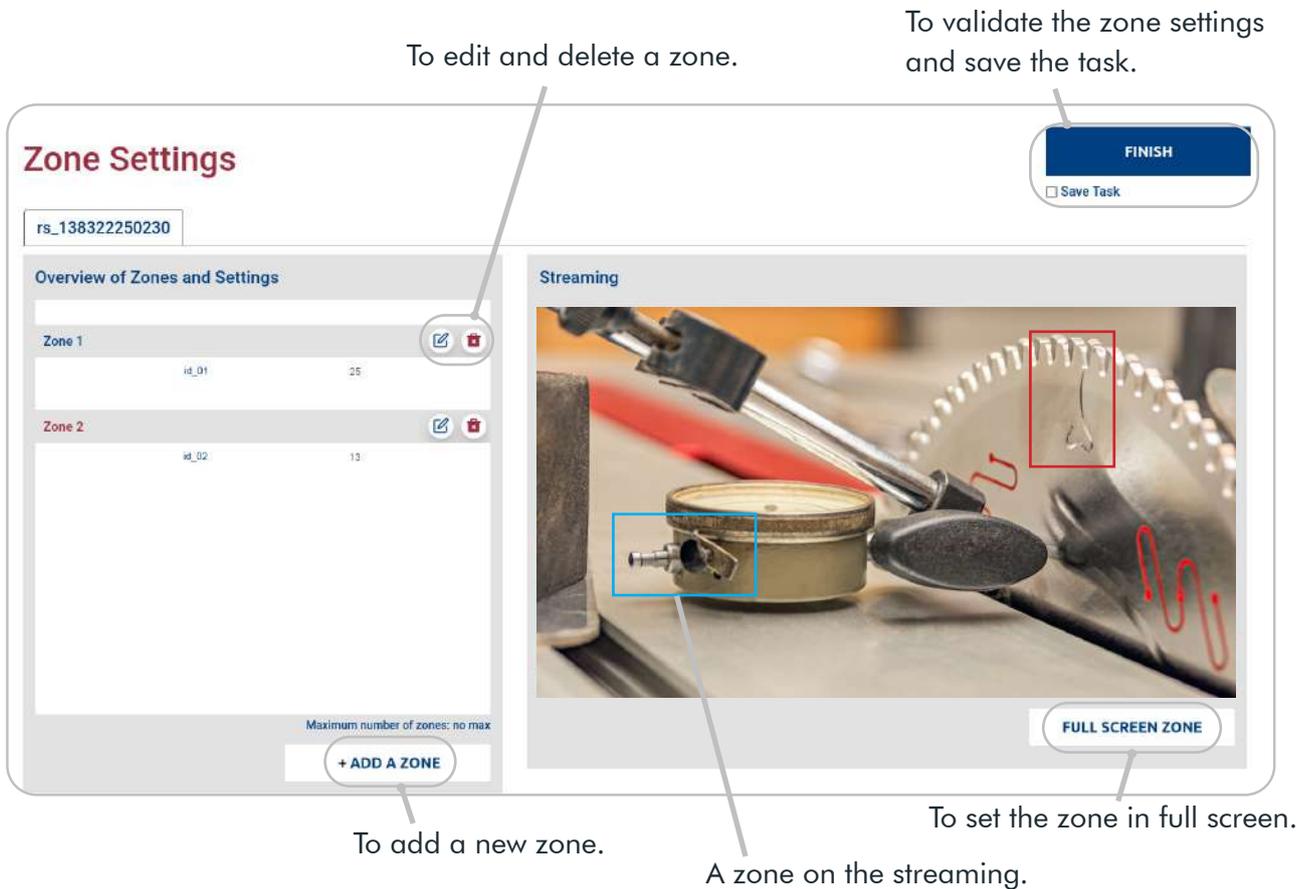
Array to test the array field

Minimum value: 3      Maximum value: 10

- Select an available task among the list
- You can choose to execute the task on the live stream of a camera, or on a previous recording:
  - select the relevant camera within the "Smart sensors" list
  - or select the relevant recording within the "Recordings" list
- Adjust the settings according to your needs

## The Zone Settings

You can set zones on the streaming depending on the task chosen if you have the button **"SET ZONES"**. You can add a zone and define the zone on the streaming with your cursor.



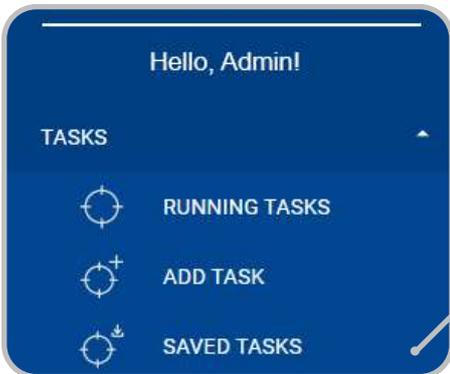
The screenshot shows the 'Zone Settings' interface. On the left, there is a table titled 'Overview of Zones and Settings' with two zones defined. On the right, there is a 'Streaming' video feed with a red box highlighting a specific area. Annotations include: 'To edit and delete a zone.' pointing to edit/delete icons; 'To validate the zone settings and save the task.' pointing to a 'FINISH' button with a 'Save Task' checkbox; 'To add a new zone.' pointing to an '+ ADD A ZONE' button; 'A zone on the streaming.' pointing to the red box in the video; and 'To set the zone in full screen.' pointing to a 'FULL SCREEN ZONE' button.

Zone	id	Value
Zone 1	id_01	25
Zone 2	id_02	13

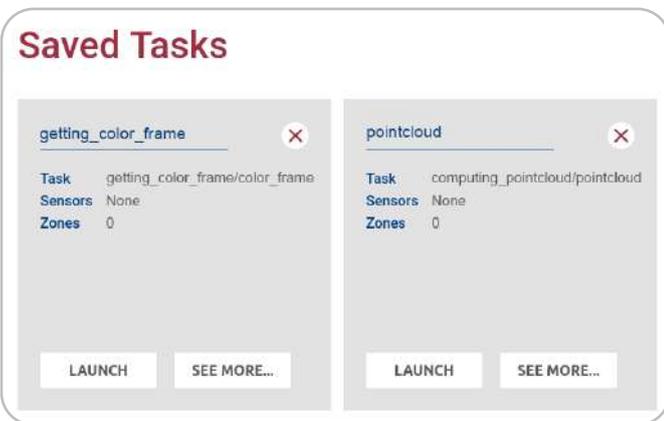
## ► Save task(s)



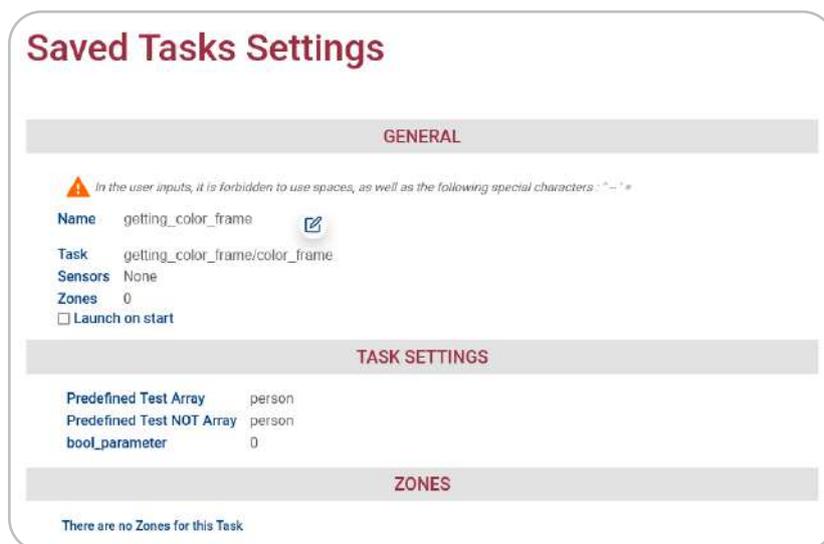
The screenshot shows the 'Settings' interface with various input fields for parameters. A 'START TASK' button is visible at the bottom, with a 'Save Task' checkbox below it. An annotation points to this checkbox with the text: 'If needed, you can save the task and its parameters before running it.'



Within the menu, go on the **"TASKS"** rubric to open the task menu, and click on the button **"SAVED TASKS"** to access the previously saved tasks.

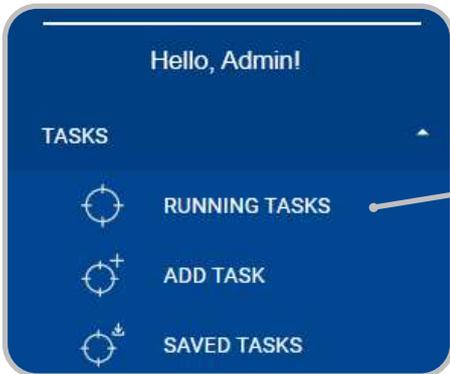


You can launch or delete saved tasks, and access to their parameters with the button: **"SEE MORE..."**

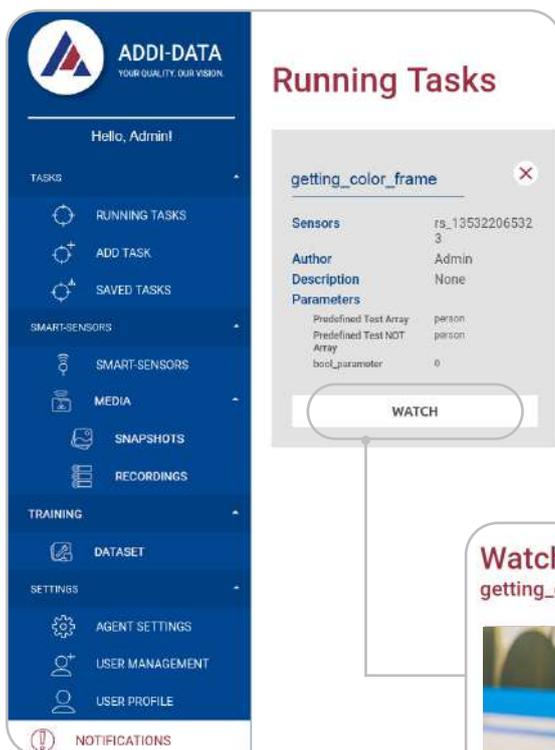


In the settings, you can choose to activate the automatic launch of the task at system startup and change the name of the task with this icon: 

► Watch the task



Within the menu, go on the **"TASKS"** rubric to open the task menu, and click on the button **"RUNNING TASKS"**.



You can watch a task, or stop it with the cross at the top right.

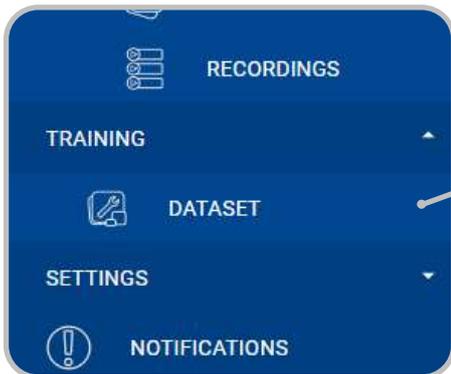
Watcher

getting\_color\_frame/color\_frame



## Dataset

### ▶ Add a new dataset



Within the menu, go on the **"TRAINING"** rubric to open the training menu, and click on the button **"DATASET"**.



Click on the icon  to add a new dataset.

## Create a new Dataset

### General settings

 In the user inputs, it is forbidden to use spaces, as well as the following special characters: " ' - =

Name\*

Labels\*

**FINISH**

### Select pictures

You have selected 0/27

Filter by:






rs\_138322250230\_2022-06-03T22-43-10UTC  
Author: rs\_138322250230  
date: 5-5-2022 22:43

rs\_138322250230\_2022-06-03T22-43-16UTC  
Author: rs\_138322250230  
date: 5-5-2022 22:43

**General settings**

▲ in the user inputs, it is forbidden to use spaces, as well as the following special characters: " ' - =

Name\*

Labels\*

+

FINISH

Labels\*

Label name\*

Label color\*

ADD

CANCEL

+

In the general settings section, you have to name the dataset and to create the label(s).

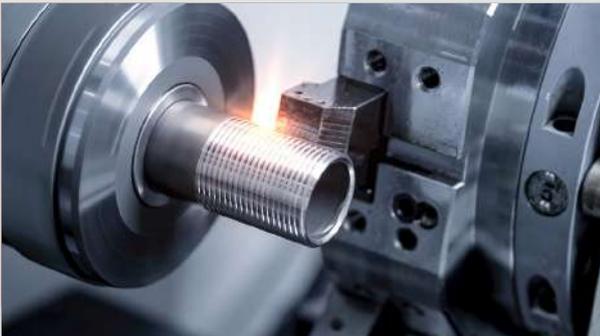
Each label has to be named, and its color can be changed.

Click on the button **"ADD"** to save your label or click on the button **"CANCEL"** to delete it.

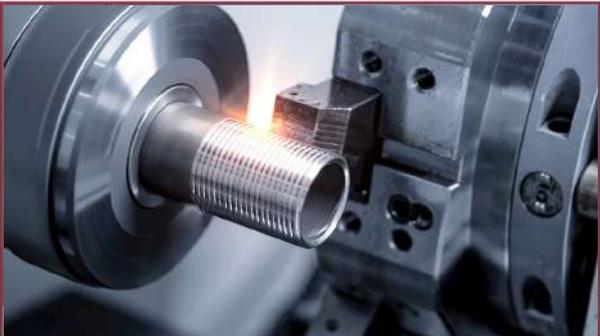
**Select pictures**

You have selected 1/27

Filter by:



rs\_138322250230\_2022-06-03T22-43-10UTC  
Author: rs\_138322250230  
 date: 5-5-2022 22:43



rs\_138322250230\_2022-06-03T22-43-16UTC  
Author: rs\_138322250230  
 date: 5-5-2022 22:43

Then, select the pictures you want to add in the dataset. The selected pictures are outlined in red. You can sort or filter the snapshots with the **"Filter by"** section.

## Create a new Dataset

### General settings

 In the user inputs, it is forbidden to use spaces, as well as the following special characters: " ' =

Name\*

One

Labels\*

LabelOne  

LabelThree  

+

**FINISH**

### Select pictures

You have selected 3/26

Filter by:

ALL



rs\_138322250230\_2022-06-03T22-43-10UTCfg  
by: rs\_138322250230  
date: 6 5 2022 22:43

rs\_138322250230\_2022-06-03T22-43-16UTC  
by: rs\_138322250230  
date: 6 5 2022 22:43



rs\_138322250230\_2022-06-03T22-43-17UTC  
by: rs\_138322250230

rs\_138322250230\_2022-06-03T22-43-18UTC  
by: rs\_138322250230

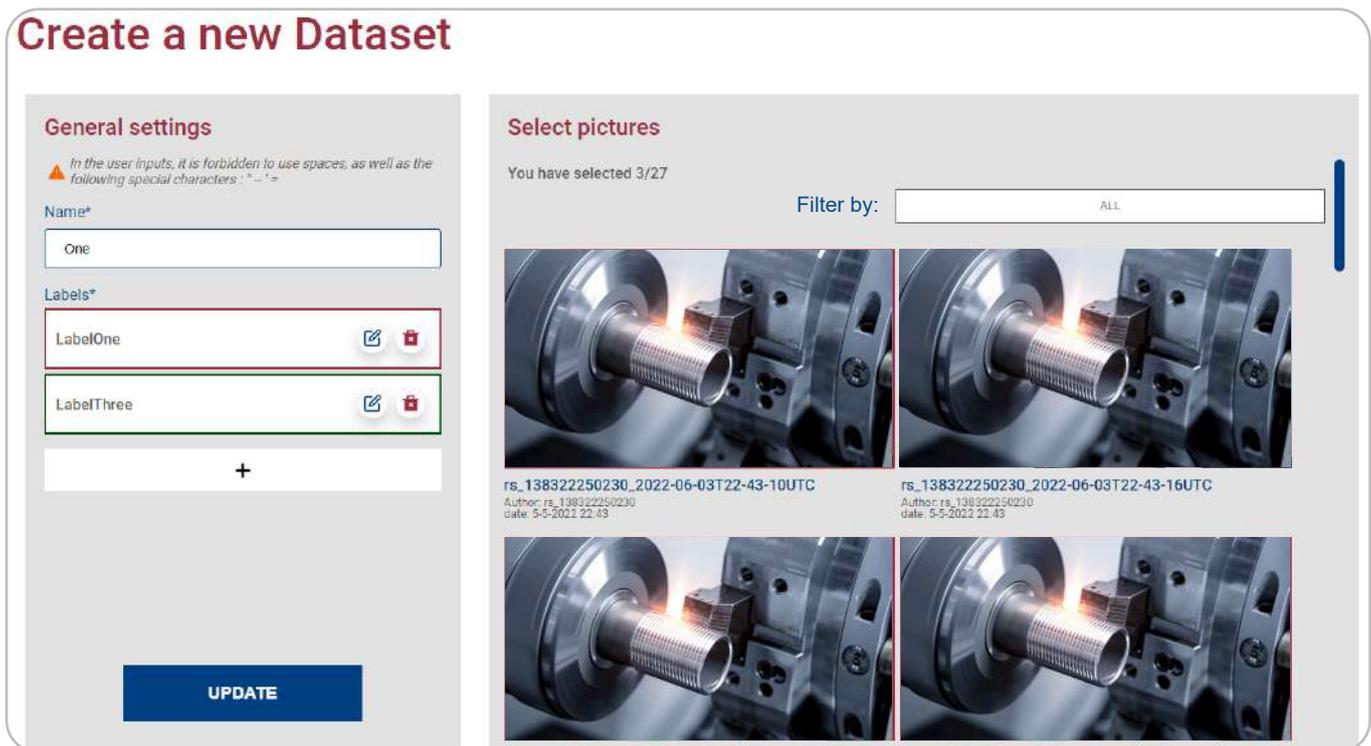
Once all the images of the different labels have been selected, click on the button **"FINISH"** to save the dataset.

► **Edit a dataset**



You can edit the datasets or their annotations, and download or delete the datasets.

The  button allows to refresh the page.



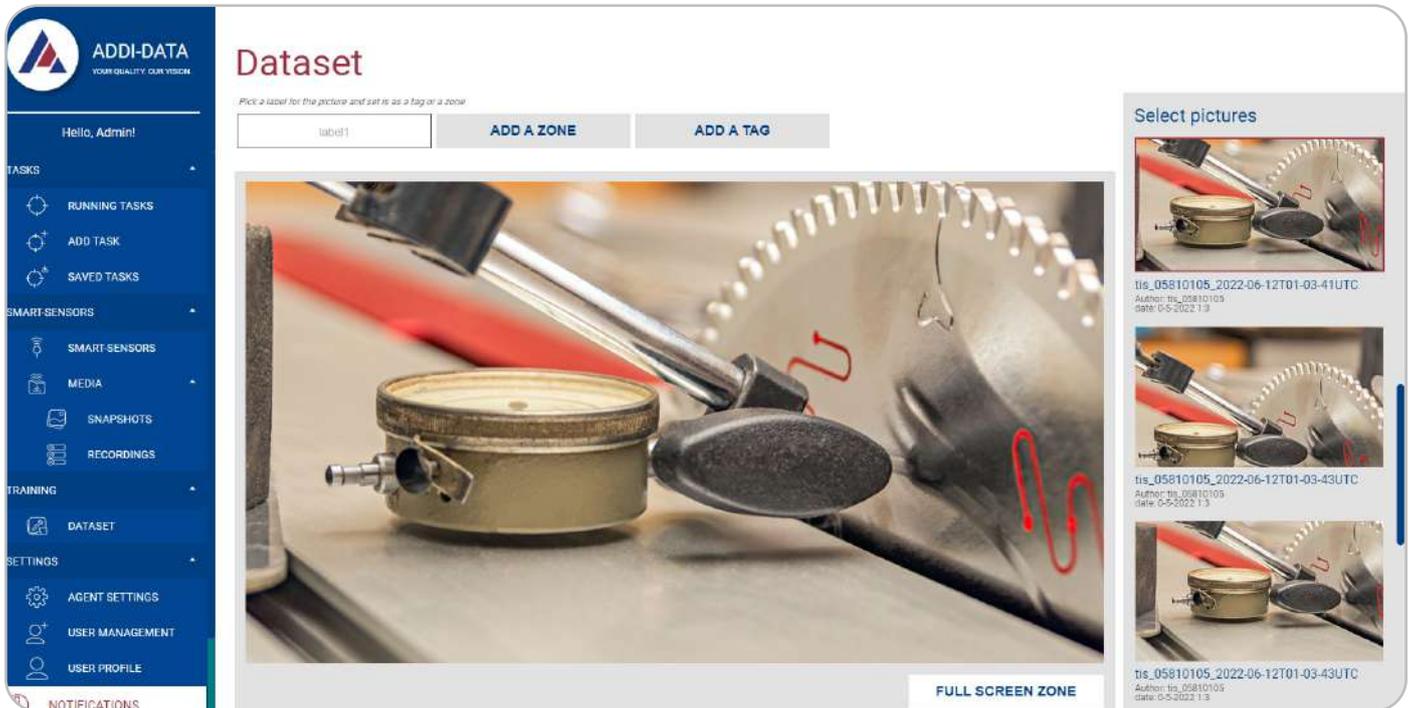
After clicking on the button **"Edit the dataset"**, you can edit:

- the name
- the labels: edit with the icon  and delete with the icon 
- the selected snapshots
- you can also add news labels.

To save the edit, click on the button **"UPDATE"**.

After clicking on the button **"Edit the annotations"**, you can create or edit annotations:

- select in the column on the right the picture you want to annotate



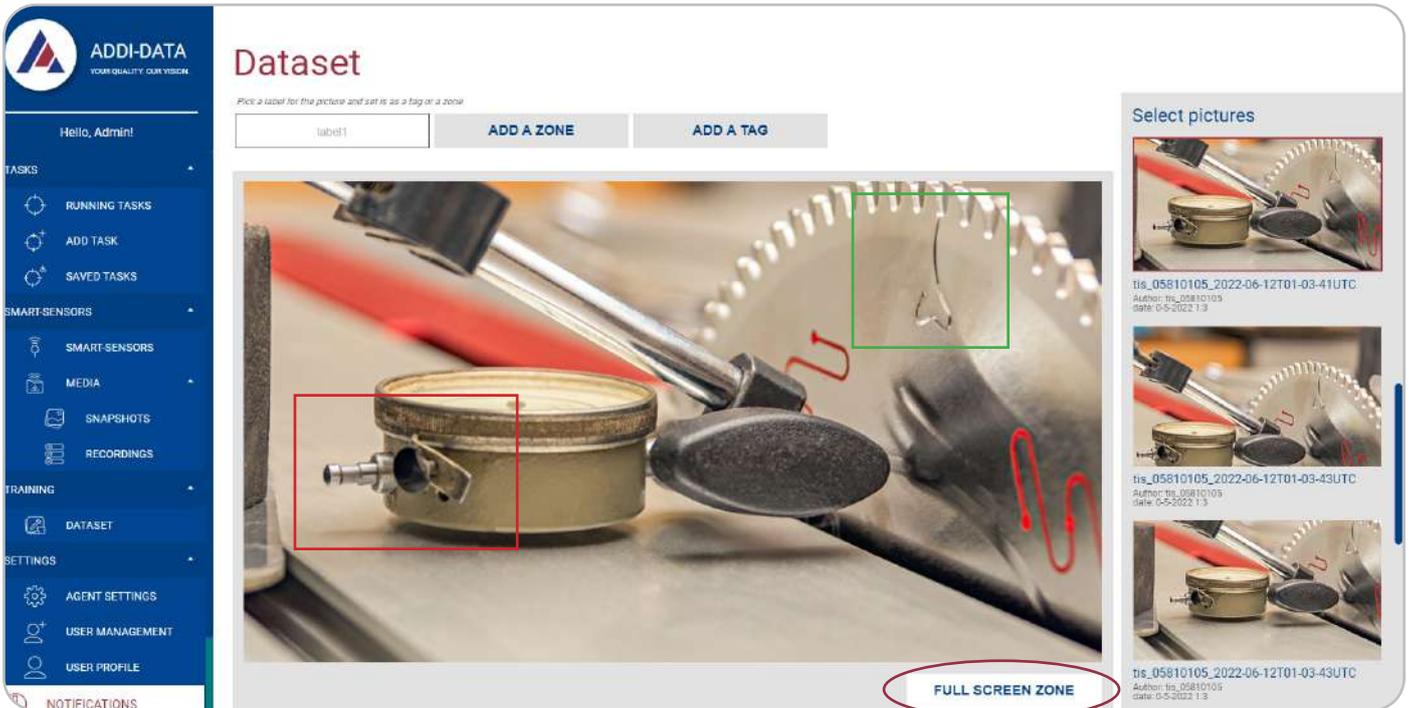
- select the label you want to set on the picture



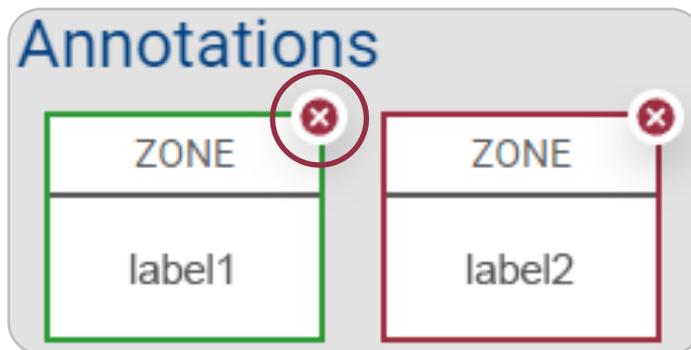
- add the annotation as a picture tag or as a picture zone



- if you want to set the annotation as a picture zone, you can use the **"Full screen zone"** button, or define a zone with your cursor

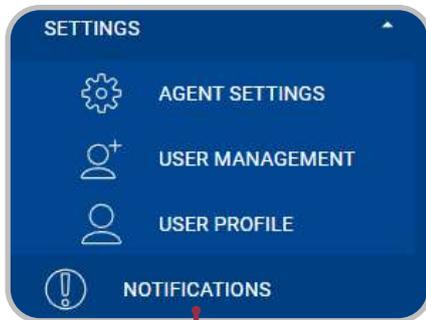


- you can delete an annotation



Annotations are automatically saved in real time.

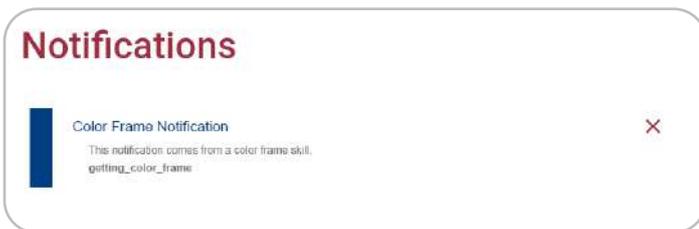
## Notifications



Click on **"NOTIFICATIONS"** to see the different notifications.



If the button is white and red, you have a new notification.

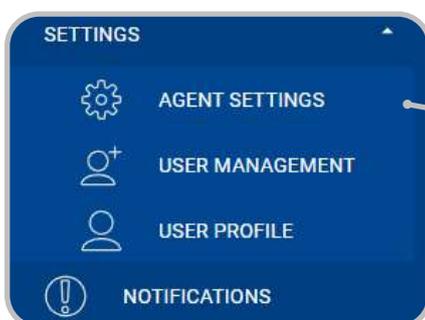


The notification explain the alert or the error and provides the name of the task.

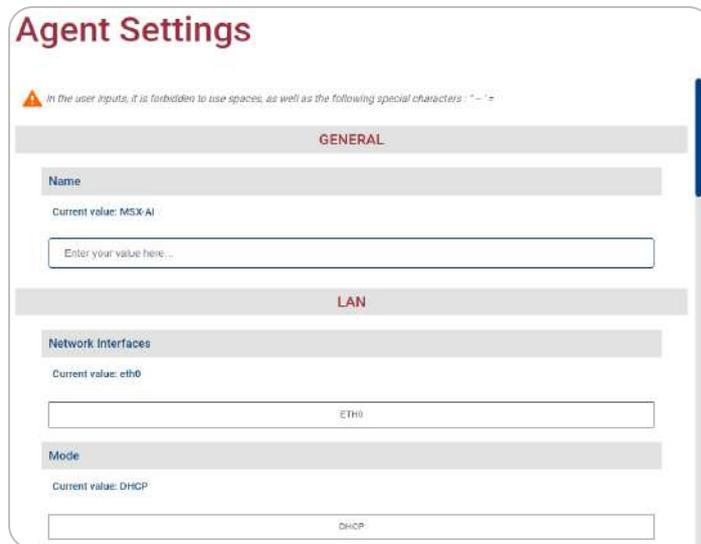
You can delete notification with the right red cross.

## Settings

### ▶ Agent settings



Within the menu, go on the **"SETTINGS"** rubric to open the settings menu, and click on the button **"AGENT SETTINGS"**.



On this page you can configure different settings of the agent.

### LAN parameters

If you want to modify the LAN parameters (e.g. IP Address) of the MSX-AI-5000, you have to:

- Choose the network interface (ETH0 or VWLAN)
- Choose the mode (DHCP or STATIC)
- In Static mode: enter the IP, netmask and gateway addresses



All fields must be completed.



The availability of addresses and the validity of fields are checked.

### MQTT (Message Queuing Telemetry Transport) Publisher

You can send the results from a Skill to a MQTT broker to store it in a distant location and reuse it after processing.

Minimal required information : Mode (enables or disables MQTT interface), Broker address and Topic.

Quality of Service: You have a choose 0, 1 or 2 for the quality of Service in MQTT.

- 0: At most once. It is the minimal quality of service level. This service level guarantees a best-effort delivery. There is no guarantee of delivery.
- 1: At least once. It guarantees that a message is delivered at least one time to the receiver. It is possible for a message to be sent or delivered multiple times.
- 2: Exactly once. It is the safest and slowest level of service on MQTT. This level guarantees that each message is received only once by the intended recipients (a four-part handshake).

If the Broker is password protected:

- Complete username and password

## OPC UA

You can enable an OPC UA **server** to collect the results of a skill via an OPC UA client.

Connect the client to:

- url: opc.tcp://ip\_of\_the\_agent:4840
- node: airis.tasks.results
- format: string

## WLAN

- Choose the WLAN to connect
- Complete password



Even if current SSID is the right one, you must explicitly choose the one to connect.

## Webserver

The HTTPS encrypts the connection: new self-signed certificates are regenerated each time the webserver is reactivated.

Connection timeout: you can use the timeout to stop the connection to the WebApp when there is no activity.

WEBSERVER

**TLS communication**

Current value: false

**Connection Timeout (Seconds)**

Current value: 600

Enter your value here...

UPDATE

To save the modifications you've made, click on the button **"UPDATE"**.

## ► Types of settings

There are several types of settings for the Tasks, Cameras, Agent, etc.

### Simple inputs



**Exposure**

Current value: auto

*Description not available*

Minimum value: 1      Maximum value: 10000

Auto:

You can write a text (a number, sometimes with a limitation) and a min/max.

In the camera settings, there may be automatic Boolean parameters. If the Boolean is true, the settings are automatic, and your input is hidden. If you set the Boolean on false, the input field appears and you can write your values.

### Boolean inputs

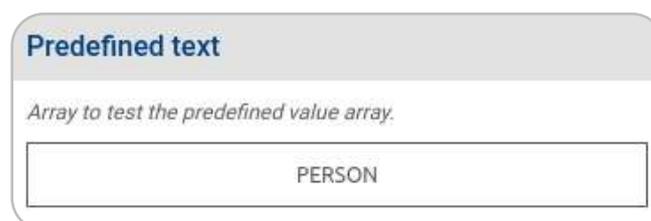


**Boolean parameter\***

*Boolean de test*

A true/false parameter.

### Spinner inputs



**Predefined text**

*Array to test the predefined value array.*

PERSON

Choose from a predefined list. The list appears on mouse-over.

## Predefined multiple-choices input



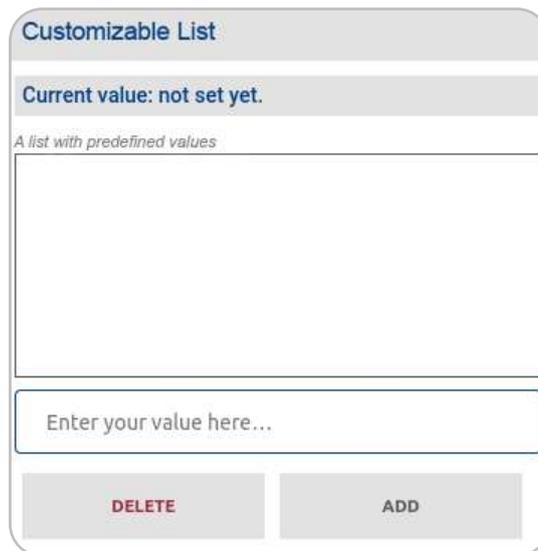
**Predefined text array\***

*A list with predefined values*

- person
- car
- cup
- chair

In the predefined list, you can tick as many boxes as you need.

## Free multiple-choices input



**Customizable List**

Current value: not set yet.

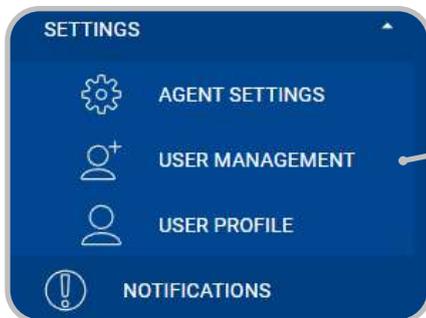
*A list with predefined values*

Enter your value here...

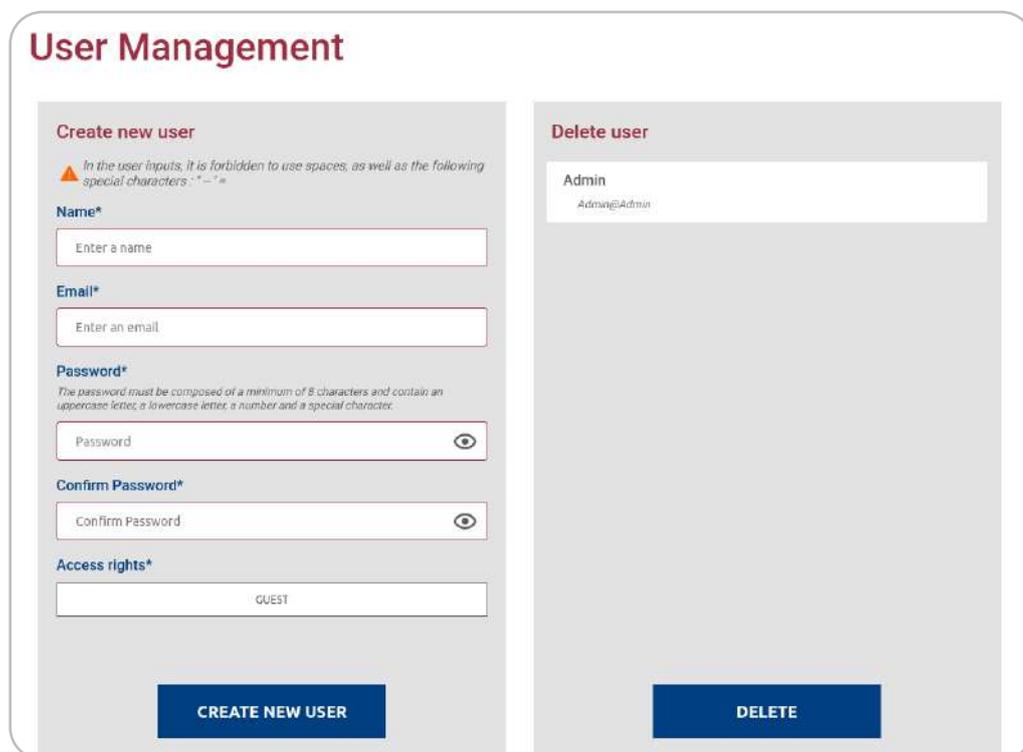
**DELETE**      **ADD**

You can define as many values as you need.

## ► User management



Within the menu, go on the **"SETTINGS"** rubric to open the settings menu, and click on the button **"USER MANAGEMENT"**.



The screenshot shows the 'User Management' page with two main sections:

- Create new user:** Includes a warning about special characters, and fields for Name\*, Email\*, Password\* (with a note: 'The password must be composed of a minimum of 8 characters and contain an uppercase letter, a lowercase letter, a number and a special character.'), Confirm Password\*, and Access rights\* (set to GUEST). A 'CREATE NEW USER' button is at the bottom.
- Delete user:** Shows a list of users with 'Admin' and 'Admin@Admin' visible. A 'DELETE' button is at the bottom.

On this page, you can configure users.

### Create new user

On the left, you can create a new user. All fields are mandatory.

The name must contain between 3 and 30 characters.

The email address must contain "@".

The password must meet the following criteria:

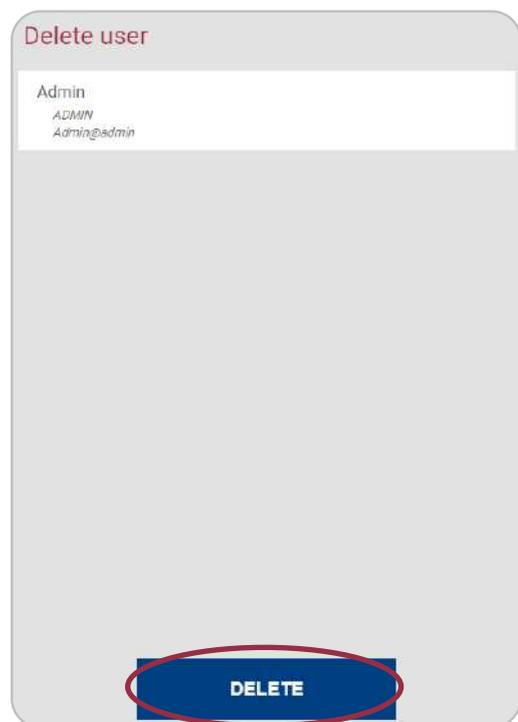
- be at least 8 characters long
- contain a lowercase, an uppercase, a number and a special character

Finally, you have to define the access rights, according to different levels:

- **GUEST:** read-only access, 24-hour account
- **OPERATOR:** read-only access
- **MAINTENER:** read and write access
- **ADMIN:** read and write access, with admin rights (i.e. user management)

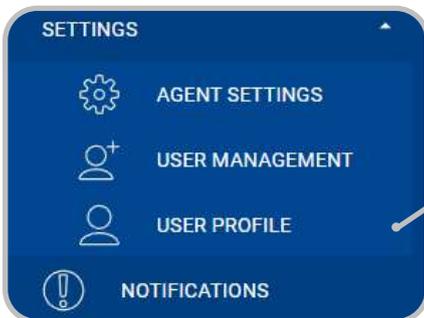
## Delete user

On the right, there is a list of the existing users. You can select a user and click on the bottom button to delete it. The selected user is underlined in red.



An administrator can delete his own account, which will automatically log him out. However, be careful that in this case you won't be able to manage the user administration.

► **User Profile**



Within the menu, go on the **"SETTINGS"** rubric to open the settings menu, and click on the button **"USER PROFILE"**.

### User Profile

⚠ In the user inputs, it is forbidden to use spaces, as well as the following special characters: ' " =

Change your Name	<p>Current name: Admin</p> <p><b>New name:</b></p> <input type="text" value="Enter a name"/>
Change your Mail	<p>Current email: Admin@admin</p> <p><b>New email:</b></p> <input type="text" value="Enter an email"/>
Change your Password	<p><b>New password:</b></p> <p style="font-size: x-small; color: #ccc;">The password must be composed of a minimum of 8 characters and contain an uppercase letter, a lowercase letter, a number and a special character.</p> <input type="password" value="Password"/> <span style="float: right;">👁</span>
	<p><b>Confirm Password</b></p> <input type="password" value="Confirm Password"/> <span style="float: right;">👁</span>
Current password: *	<input type="password"/>

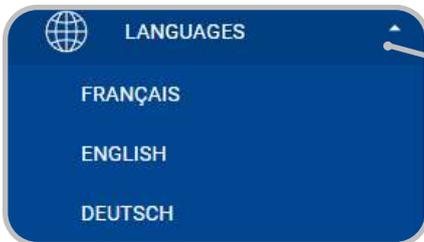
**UPDATE**

You can manage your user profile: name, password and email address. Your password must be at least 8 characters long and contain a lowercase, an uppercase, a number and a special character.

 **Your current password is required.**

Click on the button **"UPDATE"** to save the modifications.

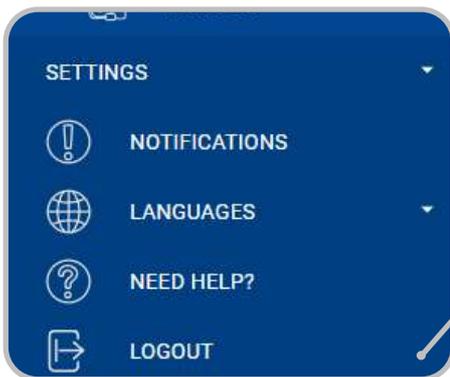
## Languages



Within the menu, go on the **"LANGUAGES"** rubric to open the languages menu. The supported languages are:

- French
- English
- German

## Logout



Within the menu, click on the **"LOGOUT"** button to log out of the session.

# RETURN OF THE MATERIAL

Before returning your Edge AI Vision System, you should read the following checklist:

- Specify the reason for returning your Edge AI Vision System (e.g. exchange, hardware update, end of subscription), the contact person in your company including his/her phone number and e-mail address, as well as the mailing address for a potential new delivery.
- Place the different parts of the system in an ESD protective cover. Please pack the system securely for shipping. Send the system together with your detail.

# CONTACT AND SUPPORT

Please feel free to contact us if you have any questions.

## GERMAN OFFICE

ADDI-DATA GmbH  
Airpark Business Center  
Airport Boulevard B210  
77836 Rheinmünster  
Germany

Phone: +49 7229 1847-0  
E-mail: [info@addi-data.com](mailto:info@addi-data.com)  
Web site: [www.addi-data.com](http://www.addi-data.com)

## FRENCH OFFICE

ADDI-DATA S.A.S France  
9 Avenue de la Forêt Noire  
67000 Strasbourg  
France

Phone: +33 9 72 27 84 45  
E-mail: [contact@addi-data.fr](mailto:contact@addi-data.fr)  
Web site: [www.addi-data.fr](http://www.addi-data.fr)

ADDI-DATA<sup>®</sup>

SPIRIT OF EXCELLENCE

