

Codeks IP Camera Add-on

for Codeks software
version 10. 2101. 8. 14982 and newer



Codeks IP Camera Add-on user manual

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In Naklo, 2023

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1. Codeks Addon IP Camera

The **Codeks IP Camera** is an add-on for the Codeks software for access control and time attendance registration. The Codeks IP Camera enables IP cameras installed throughout the company premises to be added into the Codeks system.

NOTE

This manual only contains the description and installation instruction for the Codeks IP Camera add-on. All other settings are described in the main Codeks AC and Codeks TA user manual. To successfully install and use this add-on, you must first install the main Codeks software package. Screenshots of the Codeks application contained in this manual were made in a web browser.

1.1 Licence Information

 - Logo "Hand" is registered at EUIPO (The European Union Intellectual Property Office) and is exclusively owned by Jantar d.o.o. You may not copy, imitate, rent, lease, sell, modify or otherwise use the "hand" logo, except as provided in this or any other agreement with Jantar d.o.o. Any such unauthorized use will result in immediate and direct termination of this license and may result in criminal and/or civil prosecution.

Codeks IP Camera software is distributed together with the Jantar hardware or separately as a replacement system for an existing access control system, which means:

- All copyrights of Codeks IP Camera are exclusively owned by the author, Jantar, d.o.o..
- You may not use, copy, emulate, clone, rent, lease, sell, modify, decompile, disassemble, otherwise reverse engineer, or transfer the licensed program, or any subset of the licensed program, except as stated in this agreement. Any such unauthorized use shall result in immediate and automatic termination of this license and may result in criminal and/or civil prosecution.
- Codeks IP Camera binary code may NOT be used or reverse engineered to re-create the Codeks access control, time and attendance or communication algorithms which are proprietary and protected by copyright law.
- Codeks is distributed "as is". No warranty of any kind is expressed or implied. You use the Codeks software at your own risk. Neither the author nor his authorized distributors will be liable for any data loss, damages, loss of profits or any other kind of loss while using, misusing or being unable to use this software.
- All rights not expressly granted here are reserved by Jantar d.o.o.
- By installing and using the Codeks IP Camera add-on you are accepting the terms and conditions of this license.
- If you do not agree with the terms of this license you must remove all Codeks IP Camera files from your storage devices and cease using the product.

1.2 Disclaimer and Warranty

Disclaimer

The information in this document is subject to change without notice. While the information contained herein is assumed to be accurate, Jantar, d.o.o., assumes no responsibility for any errors or omissions. We also reserve the right to discontinue or change the specifications of products without prior notice. No claim can be made in the case of profit or loss from use or sale of any products bought or delivered by us. Errors reported will be corrected in new software releases.

Warranty

This manual comes "as is" - no warranty of any kind, expressed or implied. Jantar, d.o.o. does not give any assurances or guarantee in connection with information in this document.

Although we strive to include accurate and up to date information, Jantar, d.o.o., without prejudice to the generality of this paragraph does not guarantee that the information in this manual is complete, true, accurate and not misleading.

The information in this manual is designed for user purposes and not as a substitute for information from customer regulations, technical manuals/documents or other official documents. Customers using this manual can report errors or omissions, recommendations for improvement or other comments to Jantar, d.o.o.

1.3 Contact Information

Jantar d.o.o. has more than 30 years of experience in the development and production of access control, time attendance and visitor control systems. What sets us apart from our competitors is that we develop and manufacture all of our software and most of our hardware ourselves. Our systems are installed and utilized at airports, office buildings, financial institutions, factories, shopping centers, hospitals, etc. Our products are present virtually anywhere our clients need basic or advanced access control and time and attendance systems.

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SLOVENIA

VAT ID: SI34737332

E-mail: info@jantar.si

Web page: www.jantar.si

SUPPORT

For support contact our regional partner: <https://jantar.si/en/contact/our-partners/>

2. Descriptiona nad installation instructions

The **Codeks IP Camera** is an add-on for the Codeks software for access control and time attendance registration. The Codeks IP Camera enables IP cameras installed throughout the company premises to be added into the Codeks system.

The Codeks IP Camera software package contains:

- the **Codeks IP Camera** activation license code,
- the **Codeks IP Camera** User manual.



2.1 System requirements

Before installing the Codeks IP Camera Add-on, make sure these system requirements are met:

- a computer installed with the Windows 10 operating system or newer,
- available free USB ports or ethernet (LAN) ports for hardware connections,
- display resolution at least 1366 x 768 px (recommended resolution 1440 x 900 px),
- installed Microsoft .NET Framework 4.8,
- a minimum of 4 GB of RAM and dual-core processor (6 GB of RAM and quad-core processor, if the database is running on the same server),
- at least 50 GB of free space on the hard drive,
- PDF Reader software,
- internet access,
- Internet Edge, Firefox or Chrome web browser updated to the latest official version,
(We do not guarantee the proper functioning of the Codeks application if you are using a different browser or older browser versions.)
- installed Codeks software,

NOTE

You can find the installation instructions for the main Codeks software in the main Codeks application documentation (https://jantar.si/pdf/CodeksManual-en_V10.pdf).

2.2 Enter License Code

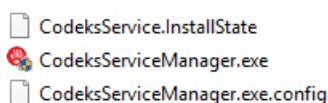
To enable the **Codeks IP Camera** add-on you must enter a valid licence code for the software in the Codeks Service Manager program. The validity of the *Codeks IP Camera* license is equal to the validity of the license of the main Codeks.

You can enter the license code for the *Codeks IP Camera* add-on using the **Codeks Service Manager program**. Open the Codeks Service Manager by clicking the **CodeksServiceManager.exe** file located on your desktop or the folder C:\Program Files\Codeks (or C:\Program Files (x86)\Codeks).

Codeks Service Manager icon:

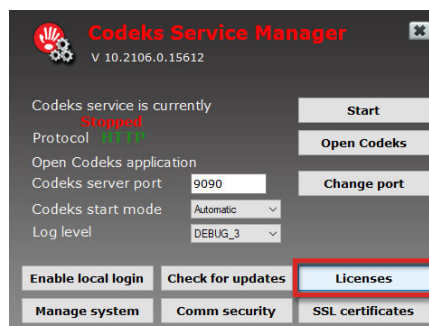


The following picture shows the **CodeksServiceManager.exe** file in the **C:\Program Files\Codeks** folder:

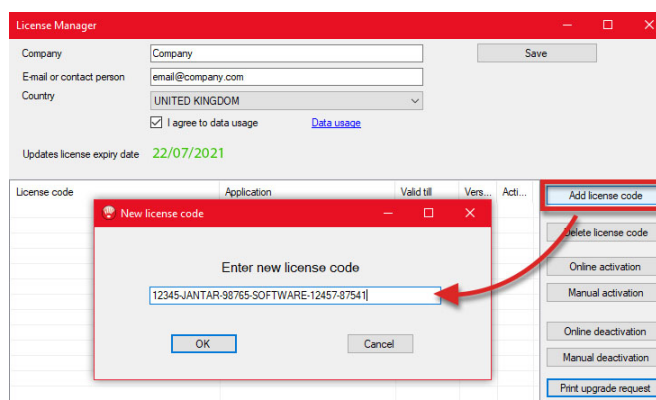


1. Before entering a new license code, **stop** the *Codeks Service* by clicking on the **Stop** button. Before continuing make sure the status of the service is **Stopped**.

2. Then click the **Licenses** button.

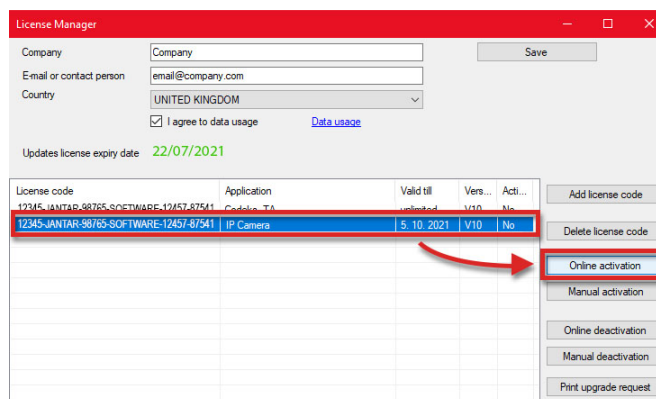


3. Click the **Add license code** button and the *License Manager* window will appear. Enter the license code and click **OK** to confirm the entry.



4. The *Codeks IP Camera* license code will be displayed in the window.

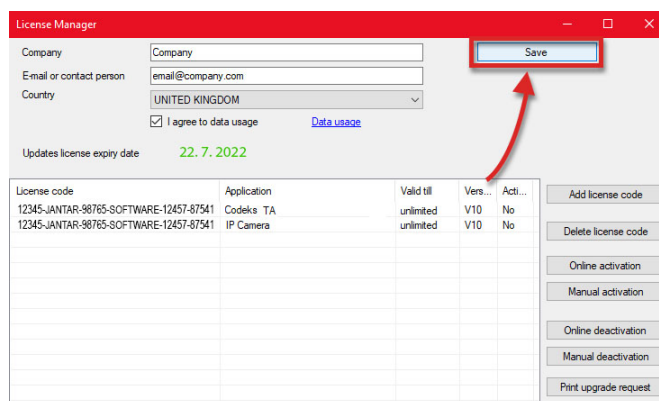
Next the entered license code must be activated. To activate it, click the **Online activation** or **Manual activation** button.



NOTE

If your Codeks server does not have an internet connection, the program will display an error. In this case, you will have to activate the license code manually using another device with internet access.

5. Finally, save the changes by clicking the **Save** button.



License Manager

Company: Company

Email or contact person: email@company.com

Country: UNITED KINGDOM

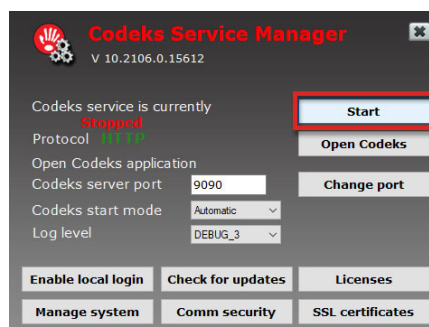
☒ I agree to data usage [Data usage](#)

Updates license expiry date: 22.7.2022

License code	Application	Valid till	Vers...	Acti...
12345-JANTAR-98765-SOFTWARE-12457-87541	Codeks TA	unlimited	V10	No
12345-JANTAR-98765-SOFTWARE-12457-87541	IP Camera	unlimited	V10	No

Buttons: Add license code, Delete license code, Online activation, Manual activation, Online deactivation, Manual deactivation, Print upgrade request

6. In the main window of the *Codeks Service Manager* program **restart** the Codeks Service by clicking the **Start** button.



Codeks Service Manager

V 10.2106.0.15612

Codeks service is currently **Stopped**

Protocol: **12345**

Open Codeks application: **Open Codeks**

Codeks server port: 9090 **Change port**

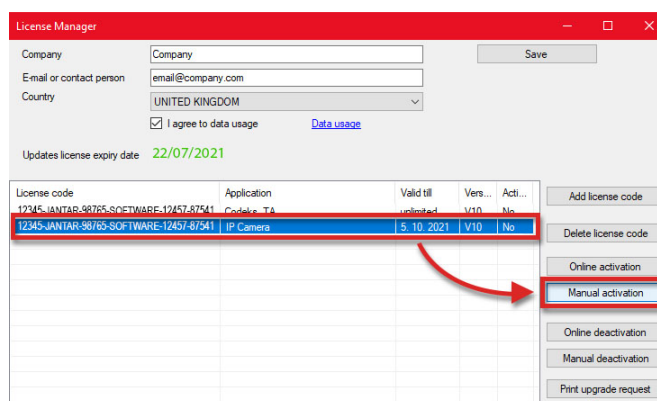
Codeks start mode: Automatic

Log level: DEBUG_3

Buttons: Enable local login, Check for updates, Licenses, Manage system, Comm security, SSL certificates

MANUAL LICENSE ACTIVATION

1. Select the license code you wish to activate and click on the **Manual activation** button.



License Manager

Company: Company

Email or contact person: email@company.com

Country: UNITED KINGDOM

☒ I agree to data usage [Data usage](#)

Updates license expiry date: 22/07/2021

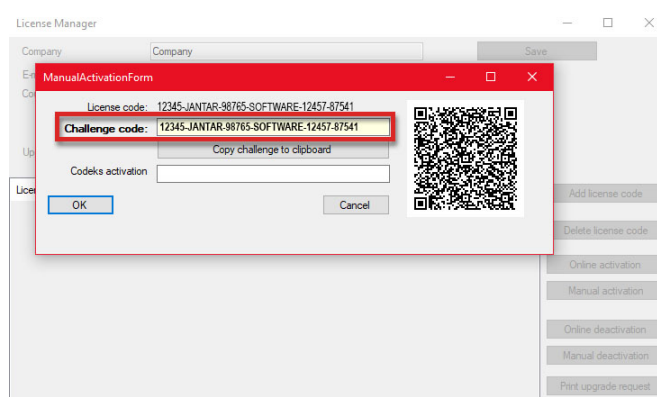
License code	Application	Valid till	Vers...	Acti...
12345-JANTAR-98765-SOFTWARE-12457-87541	Codeks TA	unlimited	V10	No
12345-JANTAR-98765-SOFTWARE-12457-87541	IP Camera	5.10.2021	V10	No

Buttons: Add license code, Delete license code, Online activation, Manual activation, Online deactivation, Manual deactivation, Print upgrade request

2. The *ManualActivationForm* window will open which contains a **Challenge code** for activating the selected license code.

IMPORTANT

Do not close this window until you enter the required Codeks activation code. If you close this window before entering the *Codeks activation code* you will have to repeat the manual activation process again, because a different *Challenge code* is generated every time you open the manual activation dialogue.



ManualActivationForm

License code: 12345-JANTAR-98765-SOFTWARE-12457-87541

Challenge code: 12345-JANTAR-98765-SOFTWARE-12457-87541

Buttons: Copy challenge to clipboard, OK, Cancel

QR code

NOTE

If you scan the displayed QR code with your smartphone you will be **automatically redirected to the Codeks Activation Form webpage**. All the necessary information for generating the **Codeks Activation code** for the selected license code will already be entered in the form fields. **To continue just click Submit.**

3. Use your smartphone or any other device with internet access and go to **<http://www.jantar.si/caf.html>**.

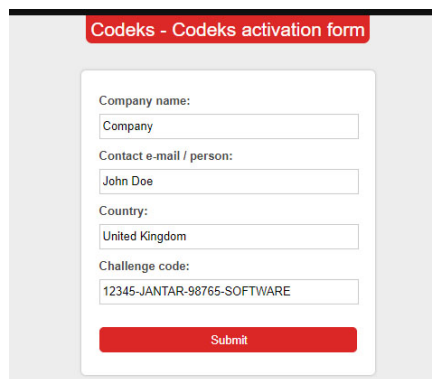
Here, fill in the *Codeks Activation Form* with the necessary company data and the generated *Challenge code*.

4. Then click **Submit**.

5. The form will then display the **Codeks Activation code** for activating the selected license code.

6. Enter the *Codeks activation code* into the ManualActivationForm and click **OK**.

7. If activation was successful the validity of the selected license will be changed to **unlimited**.



Codeks - Codeks activation form

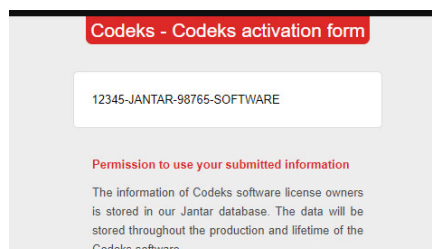
Company name:
Company

Contact e-mail / person:
John Doe

Country:
United Kingdom

Challenge code:
12345-JANTAR-98765-SOFTWARE

Submit

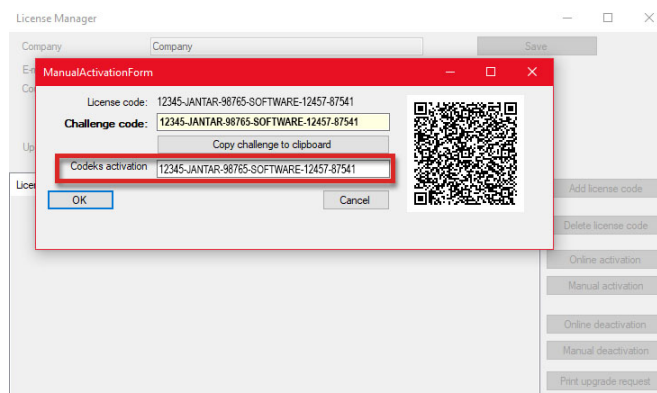


Codeks - Codeks activation form

12345-JANTAR-98765-SOFTWARE

Permission to use your submitted information

The information of Codeks software license owners is stored in our Jantar database. The data will be stored throughout the production and lifetime of the Codeks software.



License Manager

Company: Company

ManualActivationForm

License code: 12345-JANTAR-98765-SOFTWARE-12457-87541

Challenge code: 12345-JANTAR-98765-SOFTWARE-12457-87541

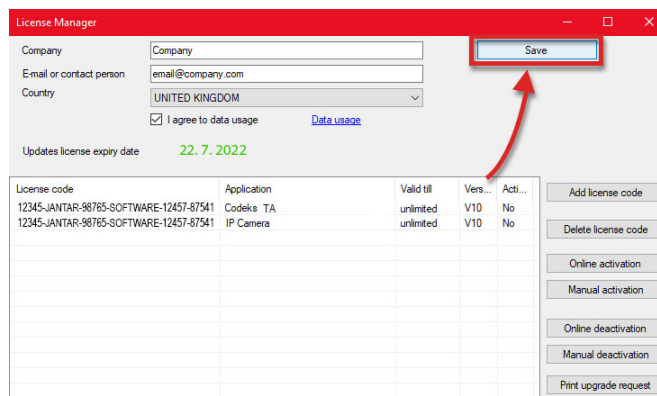
Copy challenge to clipboard

Codeks activation: 12345-JANTAR-98765-SOFTWARE-12457-87541

OK Cancel

QR code

Buttons: Add license code, Delete license code, Online activation, Manual activation, Online deactivation, Manual deactivation, Print upgrade request



License Manager

Company: Company

E-mail or contact person: email@company.com

Country: UNITED KINGDOM

☒ I agree to data usage [Data usage](#)

Updates license expiry date: 22. 7. 2022

Save

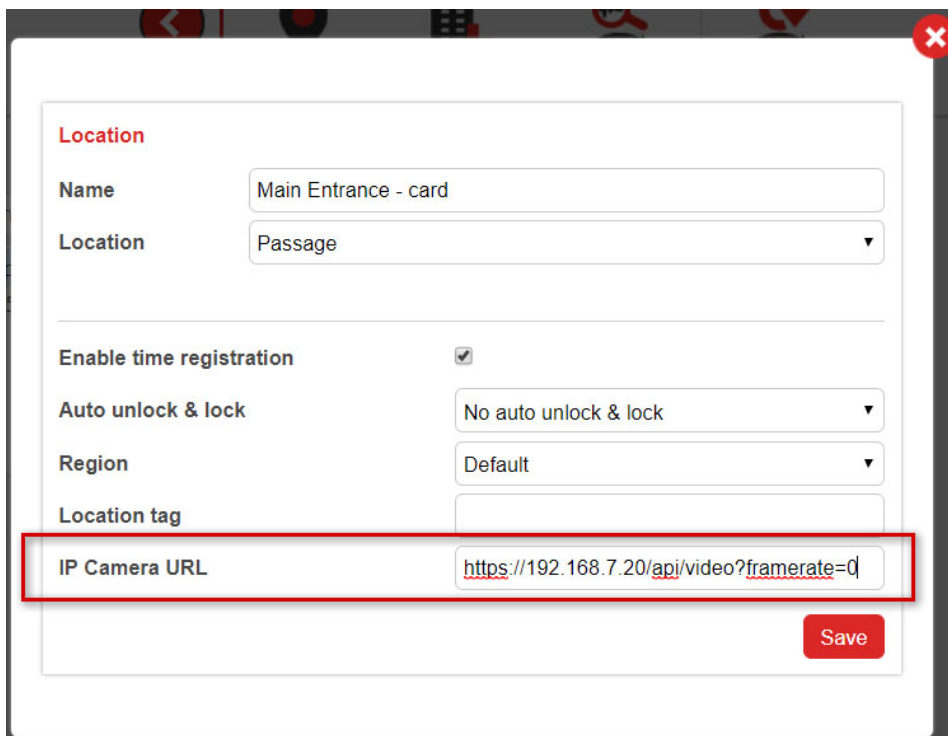
License code	Application	Valid till	Vers...	Acti...
12345-JANTAR-98765-SOFTWARE-12457-87541	Codeks TA	unlimited	V10	No
12345-JANTAR-98765-SOFTWARE-12457-87541	IP Camera	unlimited	V10	No

Buttons: Add license code, Delete license code, Online activation, Manual activation, Online deactivation, Manual deactivation, Print upgrade request

3. Settings for the Codeks IP Camera add-on

The **Codeks IP Camera** add-on enables static photos to be taken at the precise moment when a user registers at a location.

To add a security camera to the Codeks system using the *Codeks IP Camera* add-on, you must **enter the IP address of the camera to the location** where the camera is installed.



Location

Name: Main Entrance - card

Location: Passage

Enable time registration: ☒

Auto unlock & lock: No auto unlock & lock

Region: Default

Location tag:

IP Camera URL: https://192.168.7.20/api/video?framerate=0

Save

1. To connect an IP camera into to the Codeks system, **enter the IP address of the camera in the IP Camera URL field.**
2. When you are finished, **click Save.**

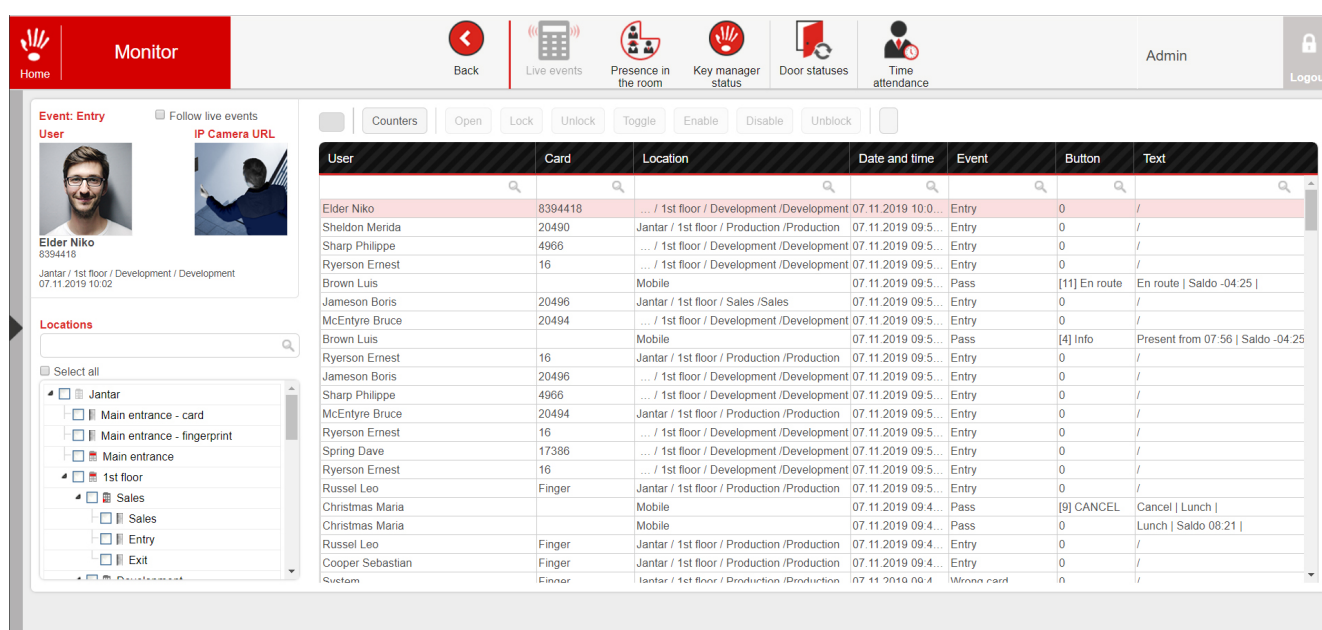
4. Previewing Recorded Events

Events recorded to the Codeks system with the IP Camera can be viewed in:

- the **Monitor** viewer and
- the **Time attendance** editor.

4.1 Monitor

You can view recorded event images in the **Monitor** viewer. When the user creates event on the passage, that has IP Camera URL enrolled, the camera will take a snapshot of event.




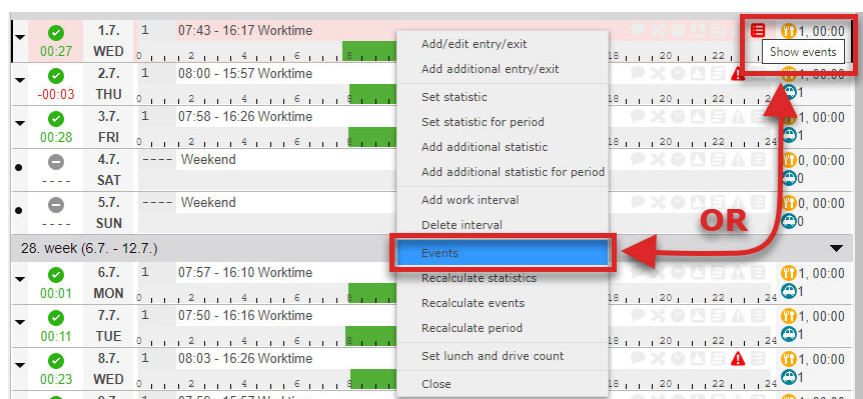
The screenshot shows the Jantar Monitor interface. At the top, there's a navigation bar with icons for Home, Monitor, Back, Live events, Presence in the room, Key manager status, Door statuses, Time attendance, Admin, and Logout. Below the navigation bar, the main area is divided into two sections. On the left, there's a sidebar with a user profile for Elder Niko (8394418) and a list of locations under '1st floor'. On the right, there's a table of events with columns: User, Card, Location, Date and time, Event, Button, and Text. The table lists various users and their events, including entries, passes, and cancellations.

User	Card	Location	Date and time	Event	Button	Text
Elder Niko	8394418	... / 1st floor / Development / Development	07.11.2019 10.0...	Entry	0	/
Sheldon Merida	20490	Jantar / 1st floor / Production / Production	07.11.2019 09.5...	Entry	0	/
Sharp Philippe	4966	... / 1st floor / Development / Development	07.11.2019 09.5...	Entry	0	/
Ryerson Ernest	16	... / 1st floor / Development / Development	07.11.2019 09.5...	Entry	0	/
Brown Luis		Mobile	07.11.2019 09.5...	Pass	[11] En route	En route Saldo -04:25
Jameson Boris	20496	Jantar / 1st floor / Sales / Sales	07.11.2019 09.5...	Entry	0	/
McEntyre Bruce	20494	... / 1st floor / Development / Development	07.11.2019 09.5...	Entry	0	/
Brown Luis		Mobile	07.11.2019 09.5...	Pass	[4] Info	Present from 07:56 Saldo -04:25
Ryerson Ernest	16	Jantar / 1st floor / Production / Production	07.11.2019 09.5...	Entry	0	/
Jameson Boris	20496	... / 1st floor / Development / Development	07.11.2019 09.5...	Entry	0	/
Sharp Philippe	4966	... / 1st floor / Development / Development	07.11.2019 09.5...	Entry	0	/
McEntyre Bruce	20494	Jantar / 1st floor / Production / Production	07.11.2019 09.5...	Entry	0	/
Ryerson Ernest	16	... / 1st floor / Development / Development	07.11.2019 09.5...	Entry	0	/
Spring Dave	17386	... / 1st floor / Development / Development	07.11.2019 09.5...	Entry	0	/
Ryerson Ernest	16	... / 1st floor / Development / Development	07.11.2019 09.5...	Entry	0	/
Russel Leo	Finger	Jantar / 1st floor / Production / Production	07.11.2019 09.5...	Entry	0	/
Christmas Maria		Mobile	07.11.2019 09.4...	Pass	[9] CANCEL	Cancel Lunch
Christmas Maria		Mobile	07.11.2019 09.4...	Pass	0	Lunch Saldo 08:21
Russel Leo	Finger	Jantar / 1st floor / Production / Production	07.11.2019 09.4...	Entry	0	/
Cooper Sebastian	Finger	Jantar / 1st floor / Production / Production	07.11.2019 09.4...	Entry	0	/
Svetom	Finger	Jantar / 1st floor / Production / Production	07.11.2019 09.4...	Entry	0	/

4.2 Time Attendance

You can also see the captured images among events recorded in the *Time attendance* editor.

First, bring up the window for viewing the actual T&A events by **clicking on the list icon**  **in the right part of the display of each day** or by selecting **Events** from the right-click on the day menu.



In the new window, click on the **camera icon**  to display the image captured by the IP camera.

