



# Installation manual

Quick guide for video intercom system

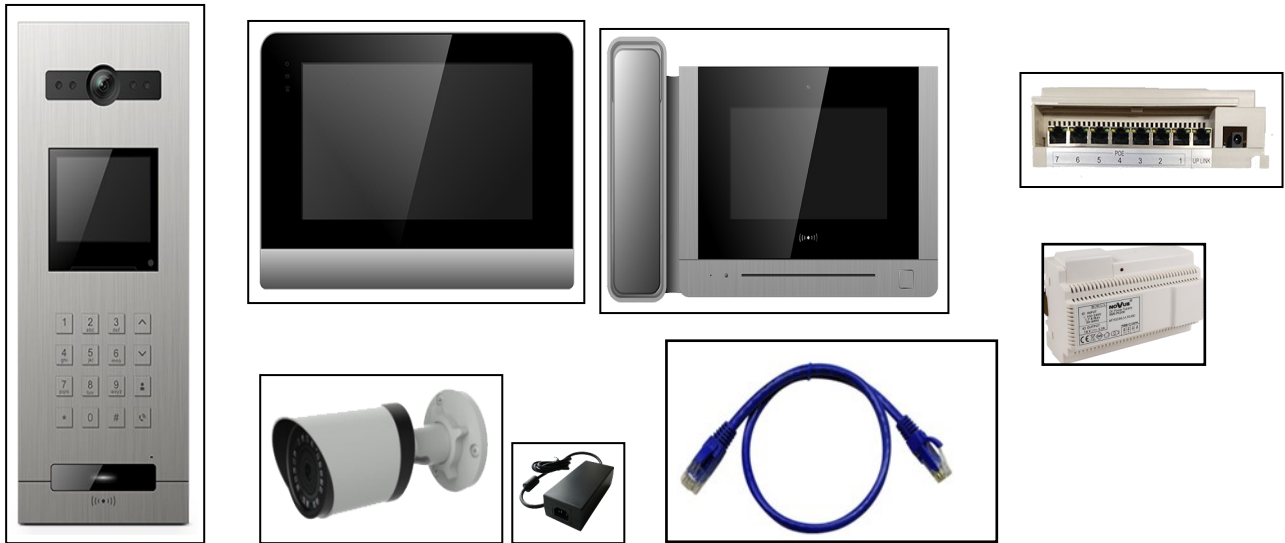
**NOVUS VIDEO INTERCOM SYSTEM**

**NOVUS<sup>®</sup>**

WERSJA 1.0

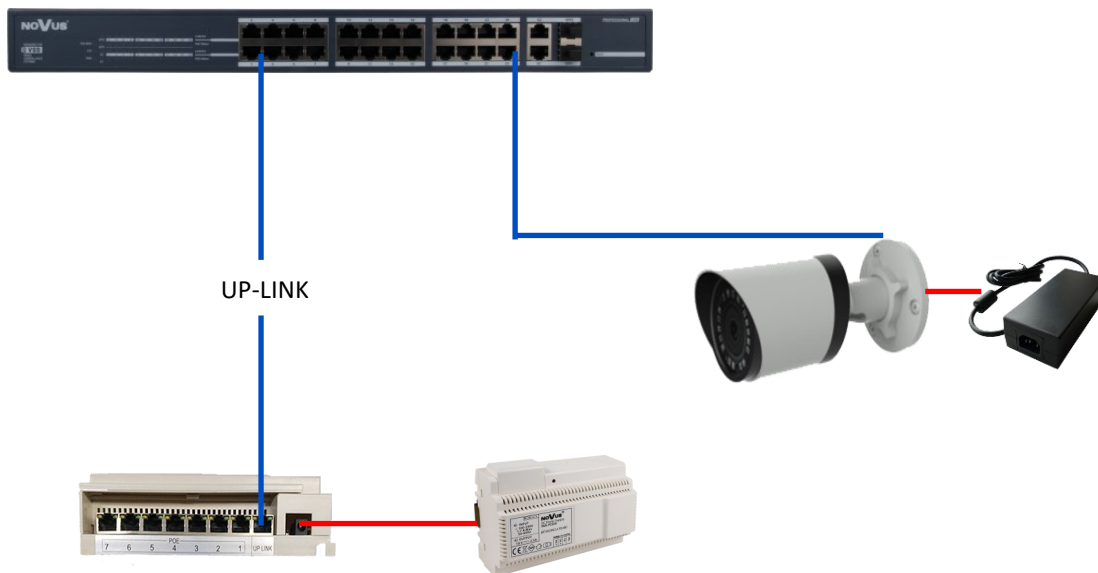


## 1. Elements of the NVE VIDEO INTERCOM SYSTEM

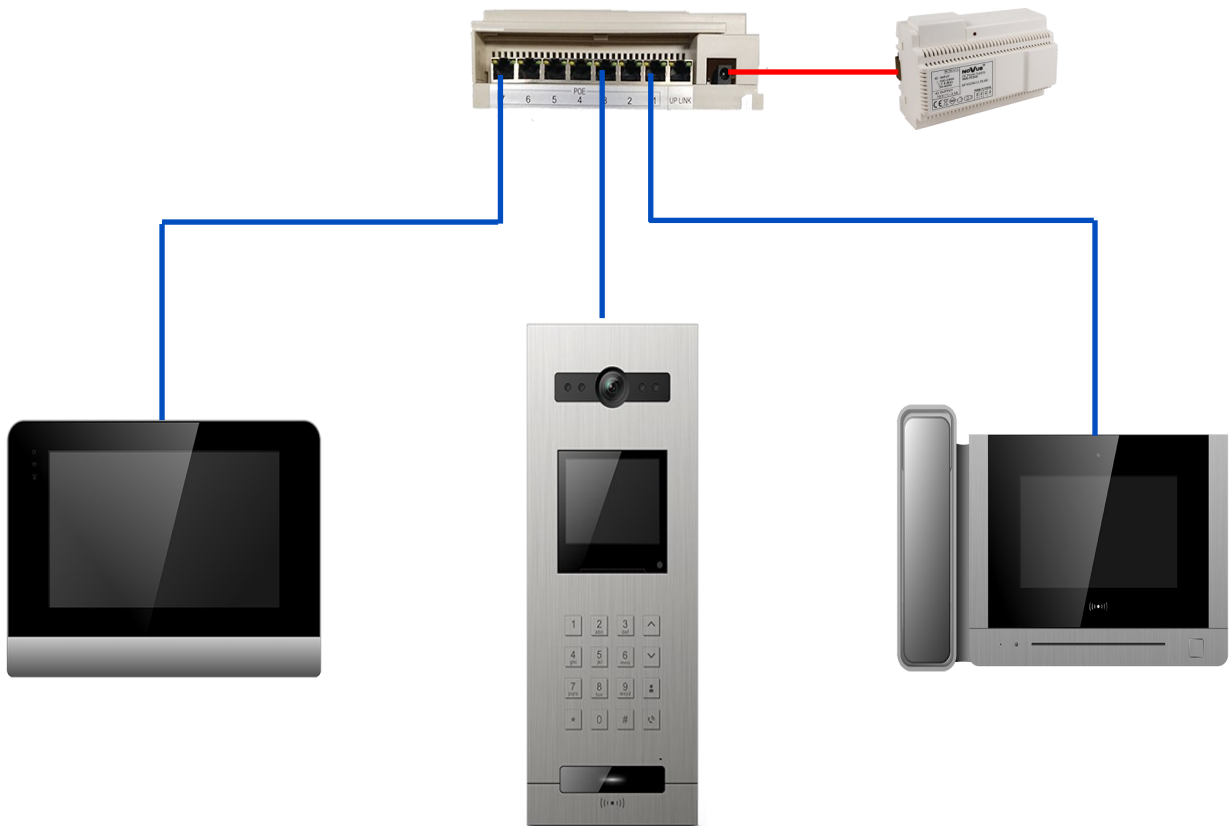


## 2. Installation


- Connect the UP-LINK port of the sPoE switch to any port of the main switch.
- Connect the IP camera (with optional separate power supply) to the main switch.

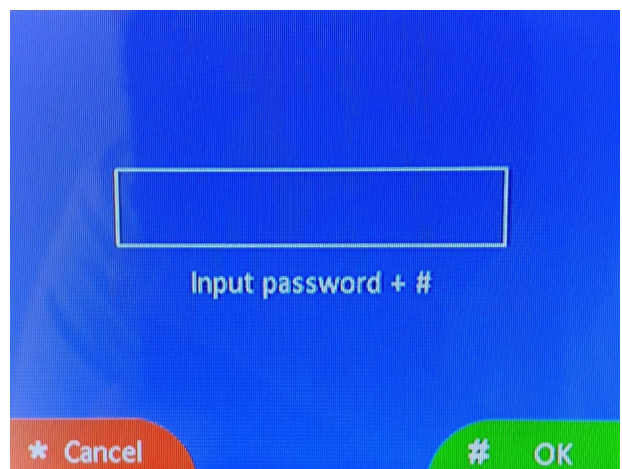
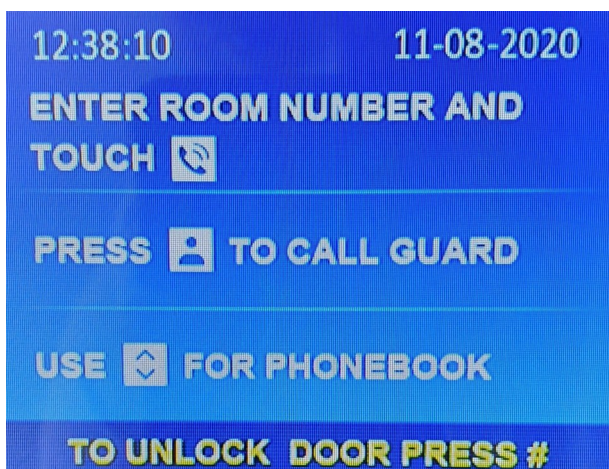


- Connect the user monitor to one of the seven ports of the sPoE switch.
- Connect the guard monitor to one of the seven ports of the sPoE switch.
- Connect the door panel to one of the seven ports of the sPoE switch.

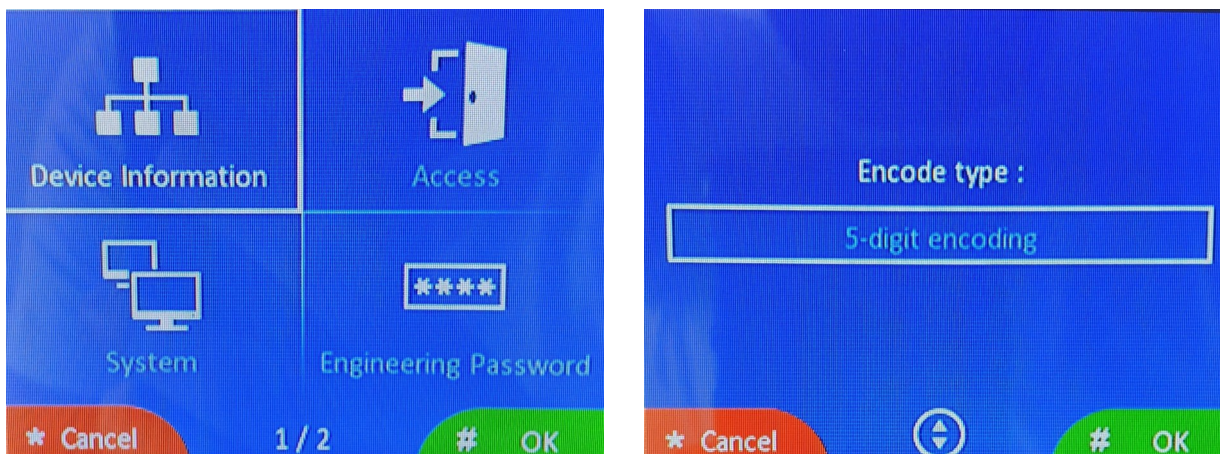


### 3. Configuration of panels

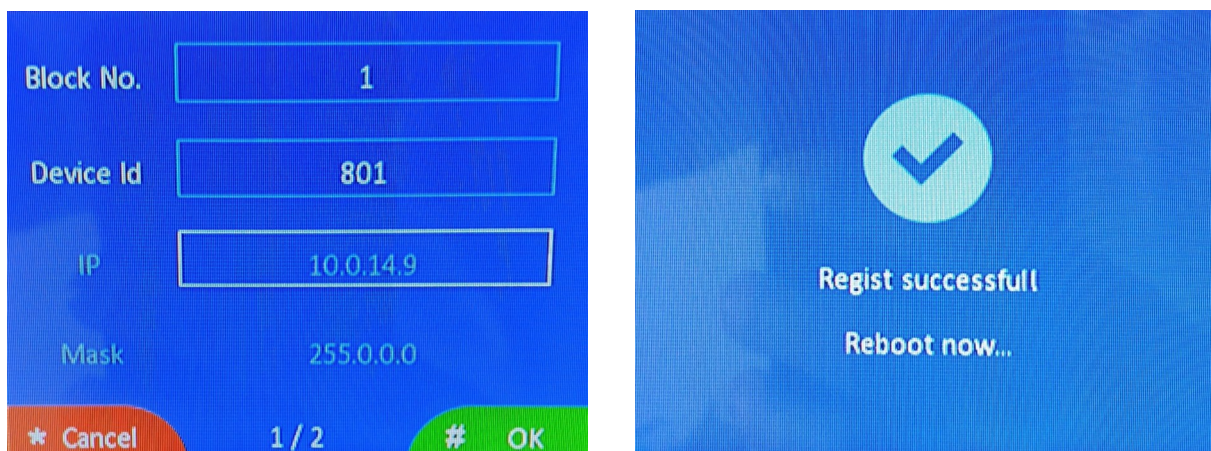
- Begin the configuration of the video intercom system with the addressing of the panels.
- To enter the settings menu, press **\***,  and 99. Then input the installer password (0000 by default).



- Enter the "Device information" section and select the type of encode: 5-digit encoding (standard) or 6-digit encoding (optional division into floor of the building)



- Addressing of the devices should be started from the panel of the first block, it means the first entrance of the first block (5-digit: 01801, 6-digit: 019001). After entering the number of block and ID of device, press the # button, the device's IP will be changed and the device's address will be saved. After visible change of the IP address, exit to the main menu by pressing the \* button.

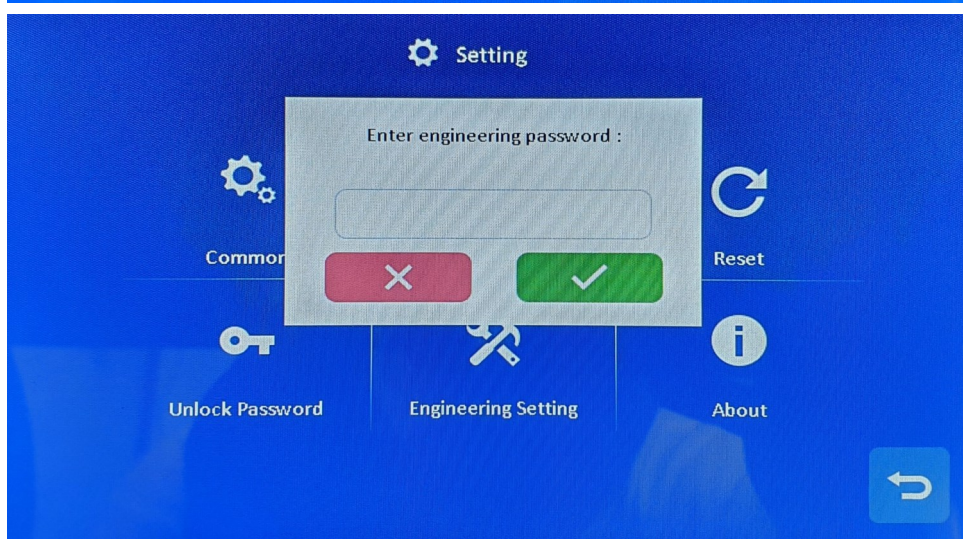
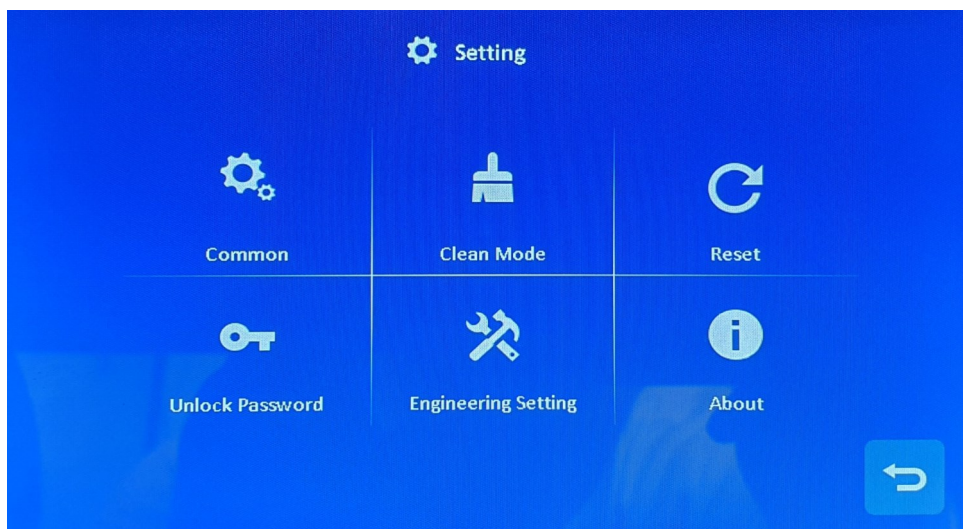
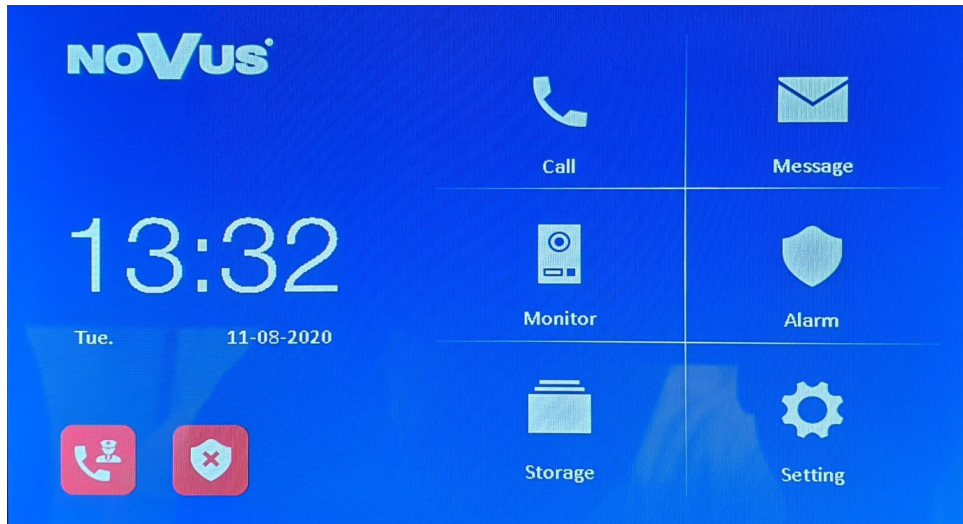


- Assign addresses in chosen type of encode to the further panels. The table below shows the addresses that can be programmed. The entrance panel supports the entrance to the estate. The main difference between the entrance panel and the block panel is opening the door with a password. From the entrance panel, you can open a door or gate with one general password for the estate or resident's proximity card (up to 5 proximity cards for one apartment). On the other hand, from the block panel, the door can be opened by using a private password set from the user's monitor or also with a proximity card.

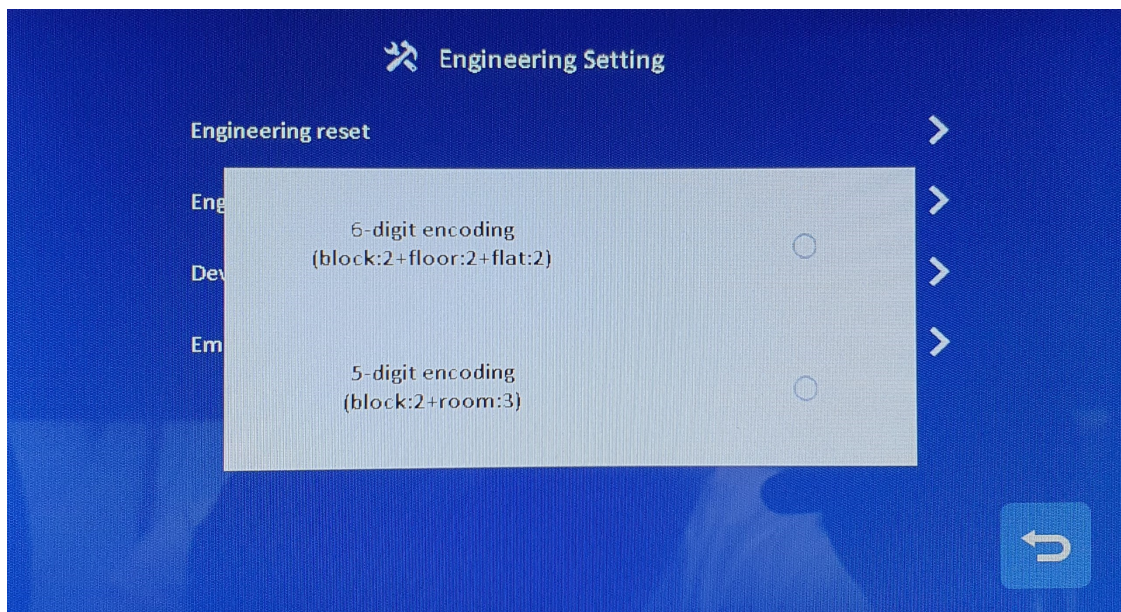
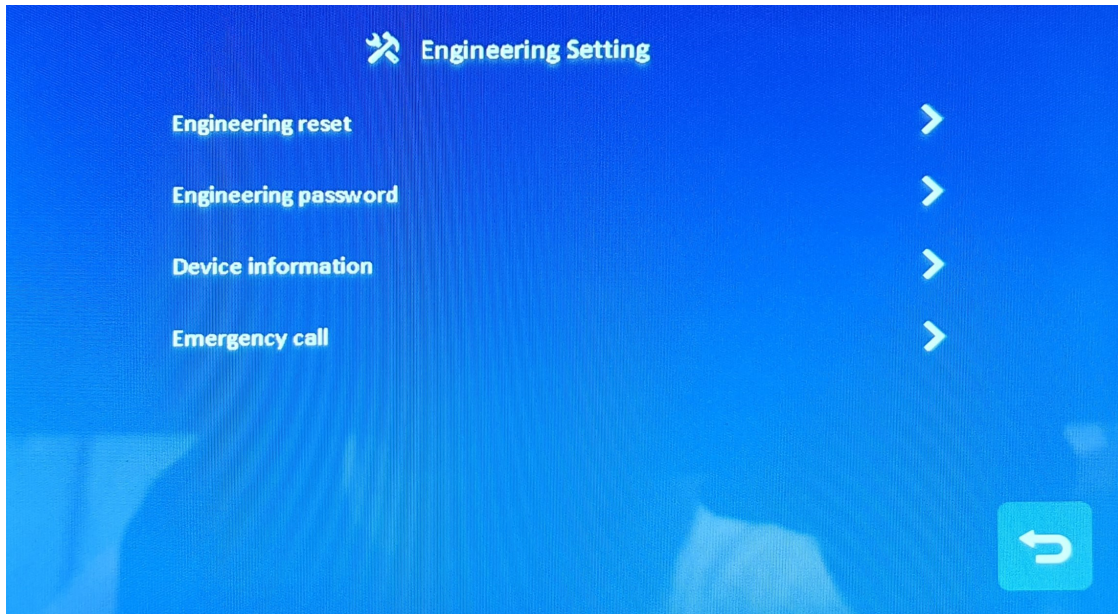
	5 digit address		6 digit address	
	Building number	Device ID	Building number	Device ID
Block panel	1~98	801~819	1~98	9001~9019
Entrance Panel	99	801~819	99	9001~9019

#### 4. Configuration of users monitors

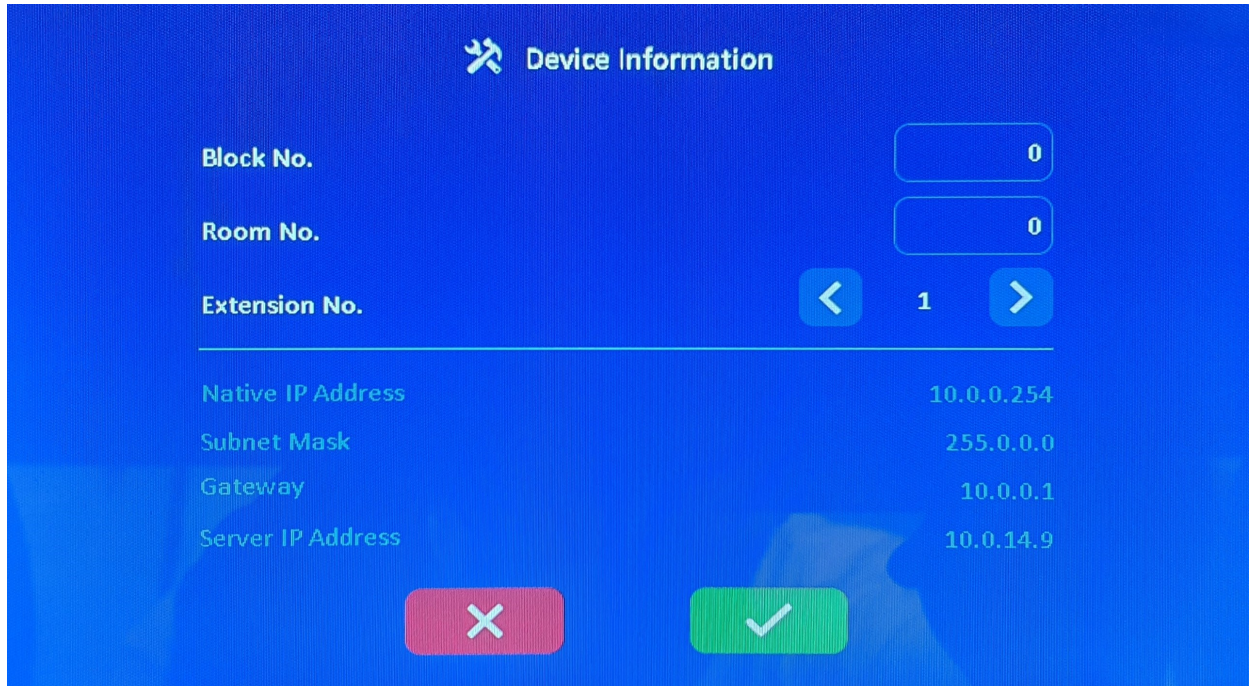
- After completing the addressing of the panels, proceed to addressing the users monitors. Remember that first block panel should be programmed as 01801 or 019001 (depends on chosen type of addressing). Press the "Setting" icon, then "Engineering Setting" and enter the engineering password (0000 by default).



- Go to the "Device information" tab and select the previously selected type of addressing.



- Enter the block and the room (apartment). The possible ranges are shown in the table below. One room support 3 indoor monitors (Extension 1: master monitor, Extension 2 and 3: slave monitor). When block or entrance panel call in, the visitor’s image will be only shown on the master monitor screen, the slave monitor only ringtone; When the slave monitor pick up the call, the visitor’s image will be shown on the slave monitor screen.
- For next users monitors set the addresses in the selected address type with the table below.





Type	5 digit address		6 digit address	
	Building NO.	Room NO.	Building NO.	Floor NO. Room NO.
User Monitor	1~98	001~799	1~98	01~63, 01~32
Elevator Monitor	1~98	821~839	-	-

## 5. Configuration of guard monitors

- In the same way as for users monitors, address the guard monitors according to the ranges from the selected address type from the table below.

	Type	5 digit address		6 digit address	
		Building NO.	Room NO.	Building NO.	Floor NO. Room NO.
Guard Monitor	Site Guard	99	901~919	99	9801~9819
	Building Guard	1~98	851~859	1~98	9601~9619
	Site Manager	99	921~959	99	9901~9919

- Calling the security guard by pressing the  button on the block panel will connect to the building guard. The same operation performed from the entrance panel will connect to the site guard.
- In the users monitors, set the address of the guard monitor for the "Emergency call". A connection will be made to the selected address after pressing the  button on the user monitor. To do this, in the user monitor go to "Setting" > "Engineering Setting" > "Emergency call".

## 6. Programming unlock passwords and proximity cards

### 6.1 Unlock password

- In order to set passwords enabling the residents to enter the building, set a password in each user monitor by entering "Setting" > "Unlock Password". The password is 4 digits, the 4 digits cannot be completely consistent or continuous eg. 1111 or 1234.
- To enable using passwords by the residents, enter the setting page in the block panels > "Access" > "Enable Unlock Password" > Private Password: ON (by default).

### 6.2 General unlock password

- General unlock password is setting for each entrance panel. This password enable to enter the estate. The entrance panels do not support previously set unlock passwords for the residents. Each entrance panel has its own single general unlock password. In order to set this password, enter the setting page in entrance panel > "Access" > "Unlock password" > enter old password (1231 by default) and then new password.

### 6.3 Proximity cards

- Assign proximity cards from the block panels. Enter the setting page > "Access" > "Access card" > "Add new card" > choose user name (resident). Put cards close to the reader, one by one, to assign to the chosen user (max 5 card for 1 apartment).
- To enable entering others entrance to the same building (others block panels of the same building) or entrance to the estate (entrance panels), proximity card have to be copied to these panels. In order to do this, enter the setting page in block panel, which has assigned proximity cards > "Access" > "Access card" > "Copy to" and then choose destination panel.



#### 6.4 Unlock time

- Set the required unlocking time, i.e. the time for entry / exit, which will take place after resident opens the door from the user monitor, after entering the unlock password / using proximity card or pressing the unlock button. In order to set unlock time, enter setting page in door panel > "Access" > "Unlock Time".

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### 7. Assignment of IP cameras

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- Connect your computer and device network with a network cable, then modify computer IP address to 10.128.0.1~10.128.254.254. The computer and the device need to be in the same network segment, otherwise the login will fail.
- Open web browser (recommended Google Chrome) and enter the IP address of first block panel(5 digit address: 10.0.14.9 or 6 digit address: 10.0.148.57).
- Input user name & password, then click "Login" button to enter the local configuration page (default user name: root, password: pass).



User Login

Username:

Password:

- Enter the address book configuration page "Address Book Config" and press the "Add Site Camera" button.

- Input the name, IP address (the IPC and the device need to be on the network segment; the range of the IP address: 10.128.0.0 ~ 10.254.25.25), username and password and select the stream mode: major stream / minor stream (the current system only support minor stream), then click "OK" button to confirm it.
- After clicking on the "auth" tab, it is possible to change the access to the camera view for selected monitors (by default, the camera is assigned to all monitors in the entire system).

**IMPORTANT!** System is only supporting cameras with a resolution of up to 2 MPX, with H.264 encoding and with a basic compression level (BaseLine). More information about changing above-mentioned parameters and the IP address of the cameras can be found in the manuals of the cameras.

## AAT SYSTEMY BEZPIECZEŃSTWA Sp. z o.o.



ul. Puławska 431, 02-801 Warszawa  
tel. 22 546 05 46, faks 22 546 05 01  
e-mail: aat.warszawa@aat.pl, www.aat.pl

Warszawa

ul. Koniczynowa 2a, 03-612 Warszawa  
tel./faks 22 811 13 50, 22 743 10 11  
e-mail: aat.warszawa-praga@aat.pl, www.aat.pl

Warszawa II

Antoniuk Fabryczny 22, 15-741 Białystok  
tel./faks 85 688 32 33, 85 688 32 34  
e-mail: aat.bialystok@aat.pl, www.aat.pl

Białystok

Fordońska 183, 85-737 Bydgoszcz  
tel./faks 52 342 91 24, 52 342 98 82  
e-mail: aat.bydgoszcz@aat.pl, www.aat.pl

Bydgoszcz

ul. Ks. W. Siwka 17, 40-318 Katowice  
tel./faks 32 351 48 30, 32 256 60 34  
e-mail: aat.katowice@aat.pl, www.aat.pl

Katowice

ul. Prosta 25, 25-371 Kielce  
tel./faks 41 361 16 32, 41 361 16 33  
e-mail: aat.kielce@aat.pl, www.aat.pl

Kielce

ul. Biskupińska 14, 30-737 Kraków  
tel./faks 12 266 87 95, 12 266 87 97  
e-mail: aat.krakow@aat.pl, www.aat.pl

Kraków

90-019 Łódź, ul. Dowborczyków 25  
tel./faks 42 674 25 33, 42 674 25 48  
e-mail: aat.lodz@aat.pl, www.aat.pl

Łódź

ul. Raclawicka 82, 60-302 Poznań  
tel./faks 61 662 06 60, 61 662 06 61  
e-mail: aat.poznan@aat.pl, www.aat.pl

Poznań

Al. Niepodległości 606/610, 81-855 Sopot  
tel./faks 58 551 22 63, 58 551 67 52  
e-mail: aat.sopot@aat.pl, www.aat.pl

Sopot

ul. Zielona 42, 71-013 Szczecin  
tel./faks 91 483 38 59, 91 489 47 24  
e-mail: aat.szczecin@aat.pl, www.aat.pl

Szczecin

ul. Na Niskich Łąkach 26, 50-422 Wrocław  
tel./faks 71 348 20 61, 71 348 42 36  
e-mail: aat.wroclaw@aat.pl, www.aat.pl

Wrocław

NIP: 9512500868, REGON: 385953687

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