Quick Start Guide Armatura Elevator Control System

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Table of Contents

1.	Sys	stem Overview and Wiring	1
1	.1.	System Overview	1
1	.2.	AHEB-0808/1602 I/O Board Connect with Elevator Panel Wiring	2
1	.3.	AHEB-1616 I/O Board Connect with Elevator Panel Wiring	
1	.4.	Multiple I/O Boards Wiring	4
1	.5.	Fire Alarm Interface Wiring	5
1	.6.	Emergency Interface Wiring	6
1	.7.	Manual Interface Wiring	8
1	.8.	Alarm Output Interface Wiring	
2.	Со	ntroller Configuration Details	11
2	2.1.	Switching Controller to Elevator Control	
2	2.2.	Modifying Controller Network Parameters	
2	2.3.	Configuring Controller Connection to Platform Parameters	
3.	Arr	natura One Configuration Details	14
3	8.1.	Modifying Spada-MQTT Add Device Mode	
3	.2.	Checking Controller Authorization	
3	.3.	Adding Buildings, Floors, Elevator Groups, and Elevators	
3	8.4.	Add Elevator Controller	
3	8.5.	Configuring Reader Parameters	
3	8.6.	Adding I/O Boards	
3	8.7.	Modifying Auxiliary Output Points for Floor Assignment	24
3	8.8.	Adding Time Zones and Elevator Levels	25
3	8.9.	Adding Personnel and Setting Elevator Control	27
4.	Ver	rifying Elevator Control	28
5.	Ар	pendix 1 Elevator Control and Elevator Button Wiring	29
5	.1.	Method 1 Common Anode Button Connection	
5	i.2.	Method 2 Common Cathode Button Connection	

1. System Overview and Wiring

1.1. System Overview

- 1. The Armatura Horizon series controllers and I/O boards are designed to be used not only for access control, but also for elevator control applications. Although a single controller supports both application modes, it can only be selected for either elevator control or access control at a time.
- 2. The Armatura One software can manage both access control and elevator control simultaneously. By utilizing Armatura One, along with the compatible AH series controllers and I/O boards, as well as Armatura readers, a complete one-stop solution can be provided to customers.



- 1) One controller can support up to 128 floors.
- 2) AHEB-0808/AHEB-1602 are available to support connecting to AHSC/AHDU panels for elevator control purpose now by upgrading the firmware. AHEB-1616 is coming soon.
- 3) The AHSC/AHDU controller must be running the MCU firmware version 6.3.2.5 or higher to utilize the onboard relay for floor control. If the controller is not updated to this version, floor control must be achieved through the auxiliary outputs of the I/O board. Should you require assistance, please contact the headquarters for technical support.

1.2. AHEB-0808/1602 I/O Board Connect with Elevator Panel Wiring



- 1) To access the elevator buttons, it is necessary to remove the elevator button panel. The manufacturer should provide the control circuits for the corresponding floor buttons. If the manufacturer cannot provide them, it will be necessary to check each wire individually to ensure that the circuits are functioning properly.
- 2) AHEB-0808 and AHEB-1602 do not support Direct Floor Selection and Button Feedback functions. In this case, you only need to connect the normally closed (NC) terminals and common (COM) terminals of the auxiliary output ports in series to the signal lines of the elevator buttons.
- 3) Refer to <u>Appendix 1 Elevator Control and Elevator Button Wiring</u> for detailed wiring.

1.3. AHEB-1616 I/O Board Connect with Elevator Panel Wiring



- 1) To access the elevator buttons, it is necessary to remove the elevator button panel. The manufacturer should provide the control circuits for the corresponding floor buttons. If the manufacturer cannot provide them, it will be necessary to check each wire individually to ensure that the circuits are functioning properly.
- 2) AHEB-1616 supports **Direct Floor Selection** and **Button Feedback** functions. To ensure the proper functioning of these features, the normally open (NO), normally closed (NC), and common (COM) terminals of each auxiliary output port must be connected to the signal lines of the floor buttons.
- 3) Refer to <u>Appendix 1 Elevator Control and Elevator Button Wiring</u> for detailed wiring.

1.4. Multiple I/O Boards Wiring



- 1) The RS-485 interface of the controller is first connected to the RS-485 IN port of the first I/O board, and then the RS-485 OUT port of the first I/O board is sequentially connected to the RS-485 IN port of the next I/O board, and so on.
- 2) Please set the DIP switches on each I/O board to allocate unique RS-485 addresses, ensuring there are no overlaps among the boards.
- *3)* Please supply power to the I/O board with an independent 12V 3A DC power to ensure its stable operation. A single 12V 3A DC power can power up to 8 I/O boards.

1.5. Fire Alarm Interface Wiring



IN+

IN



Fire Alarm Panel

- 1) Once a fire alarm is triggered, all elevator buttons will become unusable. The fire alarm condition can only be cleared by either restarting the device or by a power cycle.
- 2) The Fire Alarm is an optional feature and is not required to be connected. Please connect it according to your specific needs.
- *3)* To activate this feature, the controller's MCU must be upgraded to **version 6.3.2.5** or above.
- 4) In this elevator control system, the fire alarm interface has the highest priority, followed by the emergency interface, with the manual interface being the lowest in the hierarchy.

1.6. Emergency Interface Wiring



- In an emergency, upon receiving a short circuit signal by the emergency interface, the elevator control system will cease to govern the elevator buttons, releasing all floor buttons for free operation. The control system can only be restored by either a power-off restart of the device or through software settings adjustments.
- 2) The Emergency Interface is an optional feature and is not required to be connected. Please connect it according to your specific needs.
- 3) The system's default interface is Auxiliary Input 1. You can also modify it in the controller's **Web Server** under [Maintenance] > [Parameters] > [Interface Definition].

	ARMATURA						
	Overview	~	Bluetooth Function				
: ;;	Network	~	Bluetooth Function	[Off		
C	Maintenance	1	Interface Befinition 3				
	Export						
	Reset		Emergency Interface For Elevator Control	Auxiliary Input1 \sim	Alarm Output Interface	Auxiliary Output1 V	
	Firmware Upgrade						
	Parameters	2	Manual Interface For				
	Logs		Elevator Control	Exit Button1 V			
0	System	~					

- 4) To activate this feature, the controller's MCU must be upgraded to **version 6.3.2.5** or above.
- 5) In this elevator control system, the fire alarm interface has the highest priority, followed by the emergency interface, with the manual interface being the lowest in the hierarchy.

1.7. Manual Interface Wiring





Default Supervision



- 1) In the event of a short circuit at the manual interface, the elevator control system will relinquish control over the elevator buttons, allowing all floor buttons to be freely pressed. Once the manual interface is restored, the elevator will automatically resume its controlled status.
- 2) The Manual Interface is an optional feature and is not required to be connected. Please connect it according to your specific needs.
- 3) The system's default interface is REX 1. You can also modify it in the controller's **Web** Server under [Maintenance] > [Parameters] > [Interface Definition].

	ARMATURA	Bluetooth Function	
	Overview ~ Network ~	Bluetooth Function Off	
Ø	Maintenance 1 A	Interface Befinition (3)	
	Export	Emergency Interface For Elevator Control Auxiliary Input1 ✓	
	Firmware Upgrade		
	Parameters 2	Manual Interface For Elevator Control Exit Button 1 (
o	System v		

- 4) To activate this feature, the controller's MCU must be upgraded to **version 6.3.2.5** or above.
- 5) In this elevator control system, the fire alarm interface has the highest priority, followed by the emergency interface, with the manual interface being the lowest in the hierarchy.

1.8. Alarm Output Interface Wiring



- 1) The Alarm Output is an optional feature and is not required to be connected. Please connect it according to your specific needs.
- 2) Use the Alarm Output Interface to connect an alarm.

2. Controller Configuration Details

- 1. Please confirm that your controller's firmware is at least **version 10.0.15** to enable the elevator control function.
- 2. If the current version is lower than this requirement, please contact your local branch or the headquarters' technical support for assistance.

2.1. Switching Controller to Elevator Control

- 1. Open your web browser and enter the IP address of the controller to access its webserver.
- 2. Log in to the controller's webserver.



- 3. Navigate to [System] > [Application Scenario].
- 4. Please check if the **[Scene]** setting is at **[Elevator Control]**. If it is, you can use it directly. If not, please switch to **[Elevator Control]**.
- 5. Click [Save] to apply the changes.

Note:

1) If you are unable to find the **[Application Scenario]** option under **[System]**, you will need to contact technical support or headquarters for assistance.

ARMATURA		🧕 armatura 👻
Overview 🗸	Application Scenario	
🔅 Network 🗸	Application Scenario	
Maintenance v	Scene Access Control	
🗘 System 🔨	When suitch the sonification scenario. The device will restore factory settings	
Users	тнетатици не фринации акелы и, не четке тип езиме ныки у зештур.	
Application Scenario	Save 4	
Date and Time		
About		

2.2. Modifying Controller Network Parameters

- 1. After switching to elevator control mode, the controller will revert to factory settings and automatically restart.
- 2. The controller's IP will reset to the default IP address.
- 3. You can connect to the controller's Eth1 (default IP 192.168.1.201) or Eth2 (default IP 192.168.2.202).
- 4. The webserver password for the controller has also been reset.
- 5. Please use the default username (armatura) and default password (armatura) to log in to the controller's webserver.



- 6. Modify the network parameters of the controller in [Network] > [Ethernet].
- 7. The settings in the image below are for reference only.

ARMATURA						🧕 armatura 🗸
Overview V	Ethernet					
🔅 Network 🔥 🚺	Port1 Port2					
Connection	IPv4		3 Edit	IPv6		Edit
Ethernet 2	Mode	DHCP		Mode	Auto	
Wian	Address	10.8.51.203		Link Local Address	fe80::de99:feff:fe00:47c/64	
A 5:8	Subnet Mask	255.255.255.0		Address	fd9f:8dee:15ca::3eb	
Access Filler	Gateway	10.8.51.254		Gateway	fd9f:8dee:f5ca::1	
Certificate	Primary Dns	211.138.151.161				
Parameters	Alternate Dns	114.114.114.114				
	МТО	1500				
Maintenance v	902.1.					
System v	002.13		Edit			
	Function	Disable				
<u><=</u>						

2.3. Configuring Controller Connection to Platform Parameters

- 1. The latest firmware for the controller supports both Easy Mode and Advanced Mode for adding it to the software.
- 2. The following image is a reference for Easy Mode.
- 3. In the controller's webserver page, navigate to [Network] > [Connect], and select [Easy Mode] in the [Deploy Mode].
- 4. Enter the IP address or domain name of the Armatura ONE software, with the default port set to 8088.
- 5. Enable both options in [Software].
- 6. Finally, click **[Save]** to save the settings.

ARMATURA) armatura 👻
E Overview V	Connection	
🔅 Network 🔹 🔨	Deploy Mode 2 O Easy Mode Advanced Mode	
Connection	* Dev Center HTTPS 3 10.8.14.119	
Ethernet	* Port 3088	
Wian	Server MQTTS V 10.8.14.119	
Access Filter	Port 1884	
Certificate	Host Certificate	
	Please download the certificate and upload it to 'Device Management' menu on software Download	
Parameters	Software	
🖸 Maintenance 🗸 🗸	Whether to verify the equivalent software server SSL certificate or not On	
System v	Whether to verify the software server address or not	
	After uploading the key file, the servers certificate will be automatically imported View	
	Save	
£		

3. Armatura One Configuration Details

3.1. Modifying Spada-MQTT Add Device Mode

- 1. Log in to the Armatura ONE software.
- Click on [System] > [Communication] > [Communication Services] and locate item [Spada-Mqtt Add Device Mode].
- 3. If the controller is set to Easy Mode, select [Convenient Mode].
- 4. If the controller is set to Advanced Mode, select [Professional Mode].
- 5. Click the **[OK]** button to save and exit.

ARMATURA ONE	System					🛓 🖬 💄	📺 👤 admin
	☆ / System / Communication /	/ Communication Services					_
*	Communication Settings						_
-	Web Server Internal Address*	10.8.14.119		Web Server Public Address			
E0	Web Server Internal Port	8098		Web Server Public Port			
20	MQTT Service Internal Port	1884		MQTT Service Public Port			
0	Adms Service Internal Port	8088		Adms Service Internal Public Port			
۲	Turn on encrypted transmission	⊖ No ⊙ Yes		Whether to print the device	⊙ No 🔿 Yes		
63				communication log			
	Enable UDP	⊖ No	2	Spada-Mqtt Add Device Mode	Convenient Mode Prof	essional Mode	
	The current port is for device comm	unication service, if there is a network mapping for the servic	ce port, please n	efer to the actual mapped port.			
	Project control file version						
	None						
	Server Side Network Condition						
	Whether the Internet Yes						

3.2. Checking Controller Authorization

- 1. On the [System] > [Communication] > [Authorized Management] page, check if the [module] column for the corresponding serial number's controller displays [ele].
- 2. If **[ele]** is displayed, it indicates that the device is authorized.
- 3. If **[ele]** cannot be displayed, please check the controller's connection settings.

ARKATURA ONE	System							🛓 🖬 💄	📺 🙎 admin
₽	🏠 / System / Cor	mmunication / Authori	ized Management	1					
×	Device Serial Number		9, % I						
0)8	🕂 Refresh 🚽	⊢ New 🖸 Export P	Key File						
20	Protocol mode	Device Serial I Number	Device secret	Product name	Product code	Module	Whether to Remarks		Operations
0	Spada-MQTT		2	Spada Device) ele 🚯			
۲	Gladius	AJQE183560001				acc			
þ									
					< <	1-2 > >	50 rows per page 🗡 🕴 Jump	To 1 /1 Pag	e Total of 2 records

3.3. Adding Buildings, Floors, Elevator Groups, and Elevators

1. Click on [Elevator] > [Elevator Settings] > [Building] > [New] to start adding a building.

ARMATURA ONE	Elevator	🖈 🖻 📮 🖄 👤 admin
■	🖒 / Elevator / Elevator Settings / Building 🧃	
m	Building Name 🔍 🖓 🛠 🖪	
Ţ	C Refresh + New 2 Delete	
ii.	IPlatform Name Area Name Building Name Floor Count Operations	
È	Area Name 匠 圓	
ĦJ,		

- 2. In the pop-up page, set the building information according to the actual situation.
- 3. For example, using the test building in the image below, there are 13 floors above ground and 1 below ground, making a total of 14 floors.
- 4. Therefore, set [Floor Count] to 14 and [Floor name starts at] to B1.

The [Floor name starts at] field description is as follows:

- 1) [B] and [-]: Indicates basement floors; for example, the second basement level is commonly denoted as [B2] or [-2].
- 2) [1] and [L]: Represents the first floor or lobby, usually indicated by [1] or [L].
- 5. Finally, click **[OK]** to save and exit.

		New				×	
Building Name*		test buil	ding				
Area Name*	1	1	Area Na	ime		~	
Floor Count*		14					
Floor name starts at*		В	~	1	~		
Platform Name					~		
Save and	New 2	ОК		С	ancel		

6. After adding, you can view the generated floors on the [Floor] page.

ARKATURA ONE		Elevator					.★	•=	<u>,</u>	Ä	👤 admin
■	≏	/ Elevator / Elev	vator Settings / Floor								
m	FI	oor Name	Building Nam	e	9, % E						
Ę	Der	vice Monitoring	Remotely Release the Button	은 Remotely Lock the Butt	on 🗳 Remote Normal Opening	i≡ More ∨					
ii.	Rea	al-Time Monitoring	Floor Name	Floor Active Time Zone	Building Name	Operations					
	D		<u>B1</u>	24-Hour Accessible	test building	Ľ					
Ш,				24-Hour Accessible	test building	ß					
				24-Hour Accessible	test building	Ľ					
				24-Hour Accessible	test building	ഭ					
				24-Hour Accessible	test building	ď					
				24-Hour Accessible	test building	ď					
				24-Hour Accessible	test building	ď					
				24-Hour Accessible	test building	Ľ					

- 7. Click on [Elevator] > [Elevator Settings] > [Elevator Group] > [New] to add a new elevator group to the building.
- 8. In the pop-up page, select a building, fill in the No and name of the elevator group.
- 9. Click [OK] to save and exit.

ARMATURA ONE	Elevator		🖈 🖻 🚊 🕍 👤 admin
	🛆 / Elevator / Elevator Settings / Elevator Group 🕕		
間	Elevator Group	< Elevator Car	
Ę		Q, ≪ ★ Elevator Name	°, ⊗ .€
₩.	⊕ Refresh + New 2	New ×	
Ē.	Group No Group Name Building Name	Building Name' test building 🗸	
覸,	3	Group No* 01	
		Group Name* ele group 01	
		Save and Nev OK Cancel	

- 10. Click the button to add elevators to the elevator group.
- 11. Add and name the elevators according to the actual number of elevators.

RMATURA ONE	Elevator										*	÷.	à	👤 admin	ľ
■	1 Elevator	/ Elevator Settings /	Elevator Group												
間	Elevator Group						Elevator Car								
ŗ					℃				Q						
Π.	🕂 Refresh								New		×				
Đ							Elevator No*		01						
HI,				c t			Elevator Name*	2	ele 01						
							(3) OK	Cancel						

12. After adding, you can view the generated elevator car on the [Elevator Car] page.

13. However, the auxiliary outputs have not yet been assigned to [Elevator Car], and it is currently not operational.



3.4. Add Elevator Controller

- 1. Taking adding in Simple Mode as an example.
- Click on [Elevator] > [Elevator Settings] > [Device] > [Search] to start searching for devices.

ARMATURA ONE		👖 Elevator 🔄 📩 🖻 🏚 🖄 🙎 admin	
li h	ć	1 Elevator / Elevator Settings / Device 1	
m		Device Name Device Model IP Address More ~ 🔍 🔇 其	
Ę		- 근 Refresh + New 道 Delete [] Export 🔍 Search 🙋 쿺 Control ✓ ⓒ Set up ✓ 약 View / Get ▽	
iii.		Device Name Serial Number Area Name Communication IP Address Status RS485 Parameter Device Model Firmware Bound camera Elevator Car Operations Version	
Щ.			

3. Click the **[Search]** button, and after the search is complete, click the **[+]** icon next to the target device to add it.

	Search ×											
Search	Search No device found? Download Search Tools to Local Disk											
Total Progress	100%	Sear	ched devices count:1									
IP Address	Devi	ісе Туре	Serial Number	C	lear							
IP Address	MAC Address Sub	onet Mask Gateway Address	Serial Number Device Type	e Operations								
10.8.51.203	dc:99:fe:00:04:7c 255	.255.255.0 10.8.51.254	AHSC-1000	• 🛨								

- 4. In the newly opened page, assign an area and elevator car to the device, and check the box for [Clear Data in the Device when Adding].
- 5. Finally, click **[OK]** to save and exit.

А	dd ×
Device Name*	10.8.51.203
TimeZone *	(UTC+4:30)Kabul 🗸
Set Daylight Saving Time	No DST for this Time Zone
Area*	Area Name 🗸 🗸
Elevator Car*	ele 01 🔷 🗸
Clear Data in the Device when Adding	2
[Clear Data in the Device when Adding] v record), please use with caution!	vill delete data in the device (except event
ок	3 Cancel

3.5. Configuring Reader Parameters

1. After adding the device, the corresponding number of readers will be generated automatically based on the different controllers: 2 for an AHSC-1000 or AHDU1160 controller, 4 for an AHDU-1260 controller, and 8 for an AHDU-1460 controller.

ARMATURA	Elevator									🖈 🖂		👤 admin
	☆ / Elevator /	Elevator Settings /	Reader 1									_
m	Reader Name		9, % I									
ģ	Refresh	Firmware Upgrad	e									
ii,	🔲 Reader Name	e	Owned Device	Operation interval (s)	Verification Mode	Number	Status	Communication	Communication	Firmware Version	Operatio	ns
Ê	<u> </u>	Reader1	10.8.51.203		Face/Palm/Finge			Wiegand/RS			Ľ	2
m,	<u> </u>	<u>Reader2</u>	10.8.51.203		Face/Palm/Finge			Wiegand/RS			Ľ	
						$\langle \langle \langle \rangle$	1-2 >	> 50 rows	sperpage 🗸 📋	Jump Io 1 /	1 Page Tota	al of 2 records

- 2. Click the ¹/₂ icon on the right side of the target reader to modify the reader's configuration information.
- 3. The images below are for reference only. Please make modifications according to the actual wiring and settings of the readers.



4. After modification, the status of the reader will be displayed as online.

ARMATURA ONE	Elevator								•	🚊 🖄 👤 admin
■	1 Elevator / Elevator Settings /	Reader								
m	Reader Name	9, % H								
Ę	🕂 Refresh 🛛 🗋 Firmware Upgrad	le								
iii.	Reader Name	Owned Device	Operation interval (s)	Verification Mode	Number	Status	Communication Type	Communication Address	Firmware Version	Operations
Ľ	<u>10.8.51.203-Reader1</u>	10.8.51.203		Face/Palm/Finge		Online	Wiegand/RS		RD Ver <u>14.180.16</u>	Ľ
Щ,	<u>10.8.51.203-Reader2</u>	10.8.51.203		Face/Palm/Finge			Wiegand/RS			ď
						1-2 >	> 50 row	s per page 🗸 🛛	Jump To 1	/1 Page Total of 2 records

3.6. Adding I/O Boards

1. Click on [Elevator] > [Elevator Settings] > [I/O Board] > [New] to begin adding I/O Boards.



- 2. In the [New] page, name the I/O board and select the target controller.
- 3. After configuring the parameters, click **[OK]** to save and exit.

		New		×
Name*	IO Board01	Device Name*	10.8.51.203 🚺	
Parameters				
Protocol Type*	OSDP 2 v	I/O Board Type*	AHEB-0808 (3)	~
RS-485 Port*	RS-485 PORT3 🛛 🗸 🗸	RS-485 Port Setting	5	
RS485 Address*	1 6			
Encrypt*	Without encryption V			
After the configuration	, you need to restart the device	e to take effect.		
	Save and New	OK Okancel		

The key field description is as follows:

- 1) [Protocol Type]: Select [OSDP].
- 2) [I/O Board Type]: Please select according to the actual model of the I/O board.
- 3) [RS-485 Port]: Please select based on the actual wiring ports of the I/O board.
- 4) **[RS-485 Port Setting]:** Please change the baudrate of the port connecting to the I/O board to 115200.

F	S-485 Port Setting	×
RS-485 Port 1		
Protocol Type	OSDP v	
Baudrate	9600 ~	
RS-485 Port 2		
Protocol Type	OSDP 🗸	
Baudrate	9600 ~	
RS-485 Port 3		
Protocol Type	OSDP 🗸	
Baudrate	115200 🌗 🗸	
	OK 2 Cancel	

- 5) [RS-485 Address]: Please fill in according to the DIP
- 6) switches on the I/O board. The DIP switches are in binary format, read from left to right.



7) Please ensure that your I/O board's firmware is at least **version 1.0.18** to support the elevator control function. If the current version is below this requirement, please contact your local branch or the headquarters' technical support for assistance.



3.7. Modifying Auxiliary Output Points for Floor Assignment

- 1. After successfully adding the elevator controller and I/O boards and bringing them online, the system will automatically assign all auxiliary output points to the respective floors.
- You can navigate to the [Elevator] > [Elevator Settings] > [Elevator Car] page, and based on the actual wiring, click the victor on the right side of the floor to modify it to the correct auxiliary output point.

- 1) The I/O board uses auxiliary output ports to connect to the elevator's button signal lines.
- 2) the controller connects to the elevator's button signal line using relay ports instead of auxiliary outputs. The controller must be running the MCU firmware version 6.3.2.5 or higher to utilize the onboard relay for floor control. If the controller is not updated to this version, floor control must be achieved through the auxiliary outputs of the I/O board. Should you require assistance, please contact the headquarters for technical support.



3.8. Adding Time Zones and Elevator Levels

- 1. The system already has a default time zone named **[24-hour Accessible]** that can be used directly.
- 2. You can add new time zones according to your needs.



- Click [Elevator] > [Elevator Control] > [Elevator Levels]] > [New] to add an elevator level.
- 4. In the pop-up window, name the elevator level, select the area, and perform other operations.
- 5. Click the [OK] button to save and exit.

ARKATURA ONE	Elevator				🛧 🖬 📮 🕍 👤 admin
	🛆 Elevator / Elevator Control / Elevator Levels 🕕				
m	Elevator Levels		✓ Floor		
1		℃ &		9, (\$ E	
₩.	⊙ Refresh 🕂 New 🗊 Delete 🖸 Export ∨		New	× oor 🖸 Export ~ 🖆 In	
Ð		Level Name [*]	ele level 1 🕗		Building Name
m ,		Time Zones*	24-Hour Accessible V		
		Area*	Area Name 🗸 🗸		
		Set Valid Time			
		Threat Level			
		Save and New	OK 3 Cancel		

- 6. After adding the elevator level, the system will display the following prompt.
- 7. Click the [OK] button to continue.



- 8. Select the floors you want to add to this level by checking the appropriate boxes, then click the button to add them.
- 9. Finally, click the [OK] button to exit and save.

				Add Floor	×
Floo	or Number		Floor Name	More 🗸 🔇 🏌	
Alter	native			Selected(0)	
	or Number	Floor Name	Building Name	I Floor Number Floor Name Building Name	
		B1	12		
	2		12	≥ 2	
	3	2	12	<	
	4	3	12		
	5	4	12		
ĻĻ	< 1-14 >	> 50 ro	ws per page 🗸		
			3	Cancel	

10. If you missed this prompt, you could drag the scrollbar to the far right on the **[Elevator Levels]** page and then click the \pm button to re-enter the page.

ARMATURA ONE	Elevator	📩 🖬 🚊 🖄 🛓 admin
➡	☆ / Elevator / Elevator Control / Elevator Levels	
m	Elevator Levels <	Floor >
ę	Level Name Time Zones 🔍 🗞 🛠 其	Floor Name 🔍 😪 🛠
₩.	- O Refresh + New	😌 Refresh 📋 Delete Floor 📑 Export 🗸 🖆 Import
Ê	Area Name Time Zones Floor Count Threat Level Start Date End Date Operations	I Floor Number Floor Name Building Name
Π,	Area Name 24-Hour 14	L 14 13 12
		L 13 12 12
		i 12 11 12
		L 11 10 12
		□ 10 9 12
	•	9 8 12
		8 7 12
		7 6 12
	< < 1-1 > > 50 rows per page ∨ Jump To 1 /1 Page	< < 1-14 > > 50 rows per page ∨ Jump To 1 /1 Page

3.9. Adding Personnel and Setting Elevator Control

1. On the [Personnel] > [Personnel Management] > [Personnel] page, click the [New] button to add new personnel.

ARMATURA ONE	Personnel										<u>*</u>	i 🏚	Ä	👤 admin
III	合 / Personr	el / Personnel Managem	ent / Personnel	1										
*	Personnel ID		First Name		Last Name		Мо	ore v Q <	S 1					
	🛨 📼	ation Name(1)	Refresh Portrait	+ New 2 Personnel ID 123456	Delete 오 First Name test	Personnel Adjust	ment V C	Export Y [Card Nu	import ~ imber Bic	Batch Iss ametric Template	ue Card Quantity ≗ 0 ∰0	i⊟ More	Opera	ntions

- 2. In the newly opened page, start by filling out the basic information of the person.
- 3. Then, scroll down to the section labeled **[Elevator Control]** and click the **[Add]** button to assign the appropriate permissions to the person.
- 4. Once done, click the **[OK]** button to save the settings and exit.

- 1) [Superuser]: Hold the authority to access every floor.
- 2) **[Default Floor]:** Only one default flood is available for one building. Only AHEB-1616 or DCS elevators support this feature; AHEB-0808 and AHEB-1602 do not support this feature.
- 3) **[Open Side]:** Do not operate, only DCS elevators support this feature.
- 4) [Call Type]: Do not operate, only DCS elevators support this feature.
- 5) [Allow Lifts]: Do not operate, only DCS elevators support this feature.

			New		×
	Elevator Con Add 2 Sel Levels Settings 213	trol lect All () <u>Unselect All</u>			
Username					
Video Intercom					
Time Attendance					
Elevator Control					
Plate Register	Superuser	No		Default Floor	
Channel Settings	Open Side			Call Type	
FaceKiosk Setting	Allow Lifts				
		Save and	New OK 3c	Cancel	

4. Verifying Elevator Control

- 1. After completing the steps above, you can use a card on the reader connected to the elevator controller for verification.
- 2. Once verified, the elevator system will illuminate the buttons for the floors the user has access to.
- 3. The software will then receive an event record [Access Granted] in [Elevator] > [Monitoring] > [Real-Time Monitoring].
- 4. When the user presses the button for a target floor, the software will receive another event record **[Button Pressed by Granted].**

Note:

1) The record **[Button Pressed by Granted]** can only be accurately captured when using the AHEB-1616 I/O board.

ARMATURA ONE	Elevator							📮 🖄 👤 admin
		Ionitoring / Real-Time Monito	oring					
m	Area V Device Name			Remotely Release the But	on Remotely Lock the Button	ton		
ŗ	Time	Area Device Name	Event Point	Floor Name	Event Description	Card Number Person	nel Reader Name	Verification Mode
₩.	2024-06-07 10:35:35	Area N 10.8.51.203(CN3	0 10.8.51.203		Button Pressed by Granted	2		
Ê	2024-06-07 10:35:35	Area N 10.8.51.203(CN3	0 10.8.51.203		Access Granted	<u>2793628</u> 123456	i(test p 10.8.51.203-Read	Card
	Total Received: 2	• Nermal:2 • Excep	stion:0 🍝 Alarm: 0	<u>Ciear Data I</u>	<u>Rows</u> Event	Description		lay Audio _ Show Photos

5. Appendix 1 Elevator Control and Elevator Button Wiring

5.1. Method 1 Common Anode Button Connection

1. Supports for floor selection and direct floor selection.



2. Supports floor selection only.



3. Wiring method when there are multiple identical buttons on the same floor.

Note:

1) The following figure shows the wiring method for an elevator with three button boards, and this connection method avoids button cancellation exceptions.



5.2. Method 2 Common Cathode Button Connection

1. Supports for floor selection and direct floor selection.



2. Supports for floor selection and direct floor selection.



3. Wiring method when there are multiple identical buttons on the same floor.

Note:

2) The following figure shows the wiring method for an elevator with three button boards, and this connection method avoids button cancellation exceptions.





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