

Aperio configuration in DBM6000

Wiring is via RS485, so you don't need the Hub's Mac address to configure aperio in Dinec.

The last 6 characters are used to pair the Door Handle to the various HUBs, but for this you need to use the "Aperio Programming Application" (see your wrist distributor).



Once your installation is wired up, you need to link the different wrists to the different HUBs, and to do this you need to use the Assa Abloy application (Aperio Programming Application). You need a USB key which acts as a Wifi antenna and which will connect to the Hub, once connected you can pair a wrist.

Once connected, you can pair a wrist device, which will gradually take over the addresses still available on the hub.





Each hub has its own address

Example :

For the 1st Hub, we set the address to 1, giving you the option of 8 Door Handle.

The 1st Door Handle is at address 1, the 2nd at address 17, the 3rd at address 33, the 4th at address 49, the 5th at address 65, the 6th at address 81, the 7th at address 97 and the 8th at address 113. We add 16 to the previous address.

For the 2nd Hub at address 2, the 1st Door Handle is at address 2, the 2nd at address 18, the 3rd at address 34 and so on up to the 8th Door Handle is at address 114.

ON 10987654321	adr1-17-33-49-65-81-97-113
ON 10987654321	adr2-18-34-50-66-82-92-114
ON 10987654321	adr3-19-35-51-67-83-99-115
ON	adr4-20-36-52-68-84-100-116

To program Door Handle in DBM.

1. Add an IP connection....



2. Add a new APERIO controller...

) 11 7	Locate this element on the map	
	Delete	Del
	Properties	
	Add a new MIXED controller	
0	Add a new APERIO controller	
	Add a new UZ controller	



Locate this element on the map Delete Del Controller status... Configuration of alarms... Accessibility of the elements... Controller properties... Tasks running on the controller... Burn the flash... Burn the devices... Functions... Planning... New burglar module... Elevators > New Energy module Add hardware (RS485) > Add a DA-6202 (1 door) or a DA-6206 (2 doors)... Add hardware (IP) Add a DA-6204 (1 to 4 doors)... > Add an Aperio door... Add an UZ door... Add a Door... Add a Gate... Add a 6 inputs / 4 outputs module.. Add a protocol converter.. Add a 12 inputs module... Add a 6 inputs / 8 outputs module..

3. Add hardware (RS485) and then Add an Aperio door

4. Configure new access

In the page « **Deneral information** », in address put one of the addresses of the Door Handle paired in the hub.

Example: if you want to put the 1st Door Handle in the hub whose address is 1, then you enter 1; if you want to put the 6th Door Handle in the hub whose address is 1, then you enter 81; if you want to put the 2nd Door Handle in the hub whose address is 3, then you enter 20.

ccess Name :	Address : Logical ID :
New access	0 2
nfo :	The serial number is printed on the label of the PCB. The logical number should be used in the DinTalk program.
alendar :	
DBM6000 V Holiday	/5
Options	Type of Location
ermission is given by the operator :	 Neutral / Inside a zone
Never 🗸	O Between these 2 zones :
Open in emergency mode	Outside
External authorization	
Clocking to DinClock	Outside
Output 3 is randomly activated	Work in Anti-Pass-Back
Percent of activation : 10	
ast events	



In the pages « **Reader** » for badge technology, you need to put the type of badges you use on your site. There are 3 types: MiFare (Iso2), IClass - HID (Wiegand), EM4102 (Prox).

If you're using MiFare (Iso2), leave the following field set to "Auto".

New access [AD=0]	×
🖪 General information 🛷 Reader 🍓 Periphery 🔥 Alarms 🕅 🚯 Free pe	riods 🛙 🌚 Locked periods 🛛 😤 Counters 🗎
This reader is used to	
Go from 'Outside' to 'Outside'	This choice is enabled when the access is
◯ Go from 'Outside' to 'Outside'	located between 2 zones. This mode can be set in the 'General information' tab.
Technologies	
1:	
Auto	
Combination	
Readers :	
Can be hypassed by user rights	
Locked in downgraded mode Display	hed
Automatic end of visit	
Timed APB : 0 min.	
	OK Cancel Help

For the "Alarm" page, you need to enter an alarm profile that will generate an alarm when Aperio's battery level becomes critical.

lew access [AD=0]			×		
General information	der 🛛 🆏 Per	riphery 🥂	🖌 Alarms 🛛 🚯 Free periods 🛛 🚥 Locked periods 🛛 🕵 Counters 🗎		
Configure the events that will generate an alarm					
Note that the local huzzer is ON while the alarm is present, but the relay on the controller is activated					
until acquitment.					
Alarm type	Local	Ctrl	Profile and messages		
Reader (tamper / offline)			Alarm profile :		
Sabotage box & door contact			~		
Break-input			Instructions files :		
Access too long opened					
12V / 3V failure		\sim			
Consecutive false codes			Add / remove files		
Monitoring of illegal opening	5				
Period : <24/24>			✓ …		
Not to treat the illegal openings of the door					
			OK Cancel Help		

Here is some information on the Hub and Door Handle LEDs



For the ComHub :

Access denied	Green
Door Handle Aperion Offline	Green + Blinking 1 red
ComHub Offline	Green + Blinking 2 red
Door Handle and Hub Offline	Green + Blinking 3 red

For Door Handle :

Access denied	1	red flash
Access allowed	1	green flash
Blocked serure		ontinuous red flash