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BioStar 1, Duress

How to configure the duress detection feature

What is the duress detection?

When we are threatened to open a door by verifying ourselves, we need a way to notify security guards or the police without letting the threatening person notice it. How can we do that? We can register one of our fingerprints as duress fingerprint. When a device recognizes the fingerprint, it sends a signal through a designated relay or makes BioStar Client bring an alarm message box or set off an alarm sound.

How to register duress fingerprints

When you register fingerprints on the **Fingerprints** tab of the **Device** page, set the **Duress** option. You should register at least two fingerprints if you want to use the **Duress** option.

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🛃 Manage Users in Device	Details Fingerprints Fa	ice Face (Fusion) Card Access Contro	T & A Event	
Details	Enrol Device	40930[192.168.0.128]	 Errol Quality 	4) •
Total : 468	1:1 Security Level	Device Default	 Show Pingerprint 	int Image
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You can set the **Duress** option for the fingerprint you want to use for duress detection. When a user places the duress finger on the fingerprint sensor, BioStar Client gets an **Identify Duress** log record.

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In addition to getting the log records, you can configure the settings of BioStar Client so that a device sends an output signal and BioStar Client shows up a popup window when duress fingerprints are detected.

Step 1. Configuring the output settings

1. Go to the **Output** tab of the **Device** page.

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Device	Device	
Device BioStar Server BioStar Server	Basic Information Device ID 40930 Name 40930[192.168.0.126] Device ID 40930 Firmware V1.31_130611 Device Type BLNM-OC	
	Operation Mode Fingerprint Network Access Control Input Output Black List Display/Sound T & A Wiegand	
Task	Device Type Event Priority Attribute	
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Details		
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2. Click **Add**. This will bring up the **Output Setting** dialog.

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10500	P	Kelay 0 +
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	Event	Auth Success
	Device	40930
	Signal Setting	Signal 1
	Priority	1
	Add	Delete Delete All
larm Off Event	Event	Auth Success
larm Off Event	Event Device	Auth Success
larm Off Event	Event Device Priority	Auth Success
larm Off Event	Event Device Priority Add	Auth Success 40930 1 Delete Delete All

3. Choose **Auth Duress** from the Event drop-down list and click **Add**. Click **Save** to close the dialog.

Output Setting		×		
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Device	Device			
Device Device	Basic Information			
gasvla64101[192.168.0.149]	Name 40930[192.168.0.126]	Device ID	40930	
shesvla64100[192.168.0.165] 40930[192.168.0.126]	Firmware V1.31_130611	Device Type	BLNM-OC	
	Operation Mode Fingerprint Network Acc	cess Control Input Output B	Back List Display/Sound T & A	Wiegand
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Details				
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Step 2. Configuring the alarm settings

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1. Go to **Option > Event > Alarm Setting**.

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Device Access Con Device Device	ntrol ⊧ kasi	c Information				
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40930[192.1 T & A	•	Sound Setting		Device Type	pLNM-OC	
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	5		Add	Modify	Delete Ap	ply to Others Apply
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- 2. Click **Add** and choose Identify Duress.
- **Program Sound**: BioStar Client will play a wav sound when duress fingerprints are detected.
- **Send Email**: BioStar Client will send an email containing the alert when duress fingerprints are detected.
- Acknowledge: BioStar Client will show up an alarm popup when duress fingerprints are detected.

Vi Select Priority Level	Priority 0 👻
	Select the action to be taken when a specific event happens.
	Program Sound Play Count 0 (0 : Infinite) Send Emai
Add Delete	Adknowledge Color

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~	Event		A
	Identify Bad Face		_
	Identify Success(Face Only)		
	Identify Success(Face and PIN)		
	Delete Success		
	Delete Fail		-
	Delete All		-
	Detect Input 0		
	Detect Input 1		
	Verify Duress		
R	Identify Duress		
	Tamper Switch On		
	Tamper Switch Off		
	System Reset		
	Identify Not granted		
	Verify Not granted		
	Disabled		
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	Auth count limit		
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