

# ENABLE WIEGAND WITH SIGMA OR SIGMA LITE READERS



# IF USING MORPHO MANAGER

- *Path>Biometric Device Profile> Click Next*



**Operator**

**Key Policy**

**Biometric Device Profile**

**Biometric Device**

**Wiegand Profiles**

**User Policy**

**Access Schedules**

**User Distribution Group**

**User Authentication Mode**

**Operator Role**

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### Enter details for the Biometric Device Profile

Name:

Description:

Configuration Mode:

Realtime logging enabled:

Log retrieval interval:  (seconds)

Display name encoding code page:

Duplicate check on biometrics:  (MA 100, MA J, MA 500, MA V Sigma Lite, MA Sigma Lite+, a Only applicable to new user a

MorphoAccess heartbeat interval:  (seconds)

#### MA Sigma, MA Sigma Lite, MA Sigma Lite+ Only Settings

Allow Remote Enrollment:

Default User Policy for Remote Enrollment:

# IF USING MORPHO MANAGER

- *Click Next*



## Biometric Device Settings

### General Settings

Wiegand Profile:	Standard 26 bit
Language:	English
Key Policy:	Default

### Biometric Threshold Settings

Biometric Threshold:	Recommended
MorphoAccess Vein Print Mode:	Vein and Fingerprint
MorphoAccess Fingerprint Threshold:	3
Morpho 3D Face Identification Threshold:	Medium
Morpho 3D Face Verification Threshold:	Low

# IF USING MORPHO MANAGER

- *Click next* 

**Multi-Factor Mode Settings**

**Multi-Factor Mode:** Biometric Only ▼

Contactless Smart Card Mode: Contactless Smart Card ▼

**Morpho 3D Face Multi-Factor Mode**

Mode: Biometric Only ▼

**MorphoAccess 100, 500, J, VP Multi-Factor Mode**

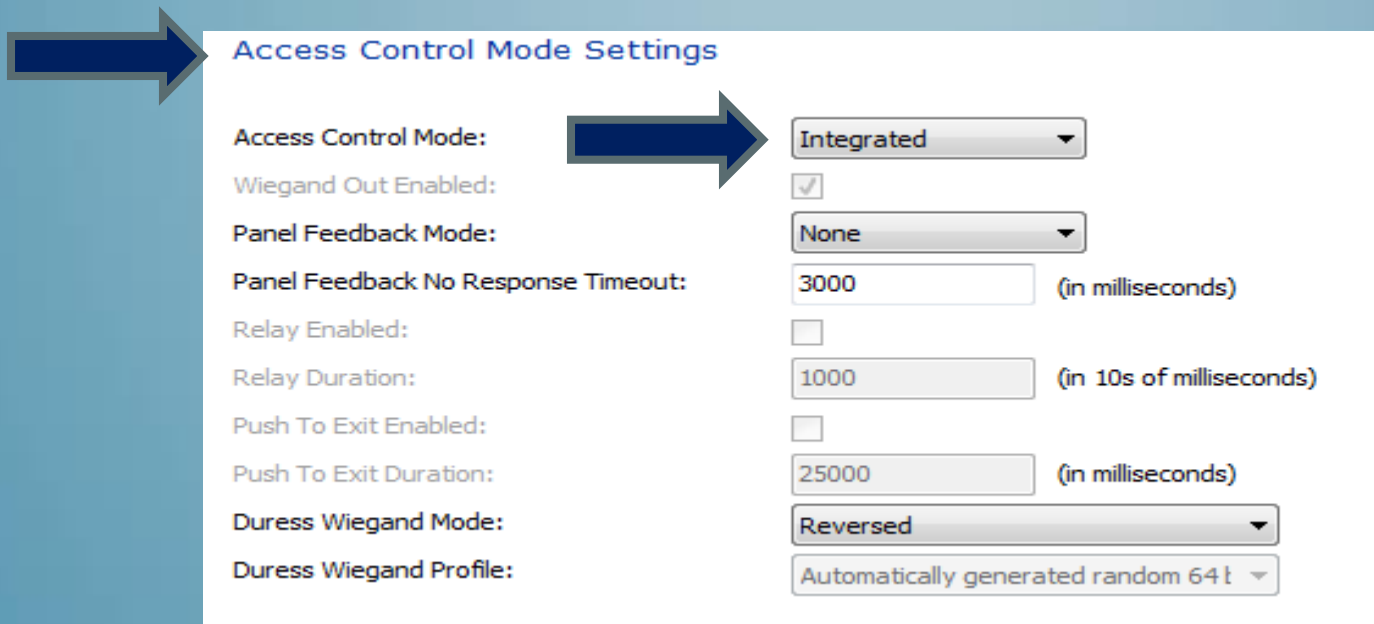
Mode: Biometric Only ▼

**MA SIGMA, MA SIGMA Lite, MA Sigma Lite+ Multi-Factor Modes**

Biometric:	<input checked="" type="checkbox"/>
Proximity Card:	<input type="checkbox"/>
Wiegand In:	<input type="checkbox"/>
Keypad:	<input type="checkbox"/>
HID iClass:	<input type="checkbox"/>
Mifare Classic:	<input type="checkbox"/>
Mifare DESFire:	<input type="checkbox"/>
Mifare DESFire EV1:	<input type="checkbox"/>

# IF USING MORPHO MANAGER

- *Path>Biometric Device Profile> Access Control Mode Settings> Integrated, means wiegand is enabled*



**Access Control Mode Settings**

Access Control Mode: **Integrated** ▼

Wiegand Out Enabled:

Panel Feedback Mode: **None** ▼

Panel Feedback No Response Timeout:  (in milliseconds)

Relay Enabled:

Relay Duration:  (in 10s of milliseconds)

Push To Exit Enabled:

Push To Exit Duration:  (in milliseconds)

Duress Wiegand Mode: **Reversed** ▼

Duress Wiegand Profile: **Automatically generated random 64 t** ▼

# NOT USING MORPHO MANAGER?

- *If your not using Morpho Manager software and using a integration such as Pro Watch you need to manually turn on Wiegand output.*
- *Download the Morpho Manager Tool Box.*
- <http://service.morphotrak.com/software-links.html>

**Morpho Tool Box 3.2.0**

use with Sigma and Morpho Products

# IN MORPHO TOOL BOX

- Connect to the Sigma or Sigma Lite reader with Tool Box
1. Click on Third Icon down
  2. Click on Events Configuration
  3. Check all Boxes under Send to controller
  4. Click on Write

1

2

3

4

Event ID	Activated	Send to controller
Duress Finger	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fake Finger	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
User control successfull	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Biometric mismatch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

# IN MORPHO TOOL BOX

1. Click on second Icon down
2. Click on Controller Quick Configuration
3. Check off Active Wiegand Output, add your wiegand format
4. Click Write

The screenshot displays the Morpho Tool Box software interface. At the top, there are four tabs: "Authorized IP Address", "Communication Configuration", "Contactless Card Configuration", and "Controller Quick Configuration". The "Controller Quick Configuration" tab is selected and highlighted in blue. Below this, there are three sub-tabs: "Wiegand", "User Control Configuration", and "Controller Feedback". The "Wiegand" sub-tab is selected and highlighted in blue.

On the left side, there is a vertical toolbar with several icons. The second icon from the top, which depicts a gear and a screwdriver, is highlighted with a blue arrow labeled "1".

In the main configuration area, there are three buttons: "Read", "Write", and "Custom Wiegand Settings". The "Write" button is highlighted with a blue arrow labeled "4".

The "Wiegand Settings" section contains the following fields:

- Wiegand input
- Prox port input format: Standard 26-bits (dropdown menu)
- External port input format: Custom slot 0 (dropdown menu)
- External port input type: Wiegand (dropdown menu)

Below these fields, there is a checkbox labeled "Active wiegand output" which is checked. Below this checkbox, there are four more dropdown menus:

- Verification pass: Standard 26-bits
- Verification fail: None
- Identification pass: Standard 26-bits
- Identification fail: None

At the bottom, there are two more dropdown menus:

- Duress: Reverse wiegand output
- Tamper: Wiegand string with seria

On the right side, the "Controller Quick Configuration" tab is highlighted with a blue arrow labeled "2".



# WEBSITE

➤ Please Visit [service@morphotrak.com](mailto:service@morphotrak.com) for software, firmware, videos and PDF's