



Feature Description Document

Understanding PassThru Wiegand Format

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Purpose

This document describes the functional specifications of the PassThru Wiegand feature.

Applies to

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All Devices					

Description

IXM WEB allows users to create a PassThru Wiegand Format. A PassThru Wiegand format is a customized format when compared to the 26-bit standard format. This Wiegand format string does not contain any parity bits or facility code bits. The format string of this Wiegand type will only contain ID code. An admin can change the total number of bits in the string and the total number of ID code bits within the string. Maximum length of PassThru Wiegand format is 512 bits.



Creating PassThru Wiegand

1. From Home >> Expand the left navigation pane >> Navigate to **General Settings** >> **Wiegand** tab to Manage Wiegand.

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	Invixium Toronto, ON, Canada	Wie	egand	Smart Card Settin	gs IXM I	/EB Server					
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2. Under the **Wiegand** tab, click on the **Create** dropdown and choose the "**Passthru**" option from the menu.

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3. It will open the Create PassThru Wiegand Format page.

🖍 Create			×
Wiegand Name	Total Bits	ID Bits	
	0	•	*
	P Save		

4. Provide the details for "Wiegand Name", "Total Bits" and "ID Bits".

Create			×				
Wiegand Name	Total Bits	ID Bits					
10bit Pass	10	10	* *				
ID BIT MASK							
0 1 2 3 4 5 6 7 8 9							
ID Bits							
🖺 Save							

5. Select the position of ID bits to create an ID bit mask and click **Save**. (The number of **ID Bit Mask** positions selected should be equal to the number of **ID bits**)

✓ Create				×
Wiegand Name	Total Bits	ID	Bits	
10bit Pass	10	÷ 1	0	▲ ▼
ID BIT MASK				
0 1 2 3 4 5 6 7 8 9				
ID Bits				
	🖺 Save			

6. Click **Save** to create a new PassThru Wiegand format.





Wiegand	Smart Card Settings IXM WEB Ser	vor					
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Wiegand ID	Ţ	Name	T	Туре		T	Action
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2		10bit Pass		Passthru			ø
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7. Click **OK** and the application will redirect to the Wiegand list window.

8. Select the Wiegand which was recently created, go to "Upload" and click "Selected".

Wiegand	Wiegand Smart Card Settings DM WEB Server									
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1		Standard 26 bit		Standard26Bits		All	ø			
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9. The application will display a list of devices. Select the required devices where the Wiegand needs to be uploaded and click **OK**.

✓ Wiegand ×					
SELECT DEVICE(S)	Q Type to search	Search			
 Device Group DG ITT-MAIN-DR-ENT TSTOUCH2FP2 Admin Door 					
	✓ ОК				



Application Logs Lepot Dotails T Status T Dotails T Status T Dotails T NVDRUL_T Wiegand Format(s) uploaded Success TSTOUCH2FP2 1/9/2020 10228 PM admin

10. The Application Logs window will appear, which displays the status - Success/Fail.



FAQ

1. Who can create PassThru Wiegand in IXM WEB? All IXM WEB users who have access to General settings can create a PassThru Wiegand in IXM WEB.

2. What is the maximum length of PassThru Wiegand? Users can create a PassThru Wiegand upto 512 bits long.



Support

For more information relating to this Feature Description document, please contact us at support@invixium.com

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