



Feature Description Document

Understanding the PassThru Wiegand Format



Purpose

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

Applies to

TITAN	TOUCH 2	SENSE 2	MERGE	MYCRO	MERGE CR
All Devices	All Devices	All Devices	All Devices	All Devices	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.



Create Passthru Wiegand

1. Click **CONFIG** tile >> **Wiegand** app to get settings for Wiegand window.

Wiegand

Input ON

Wiegand Passthru INACTIVE Cards Passthru INACTIVE Verify Facility Code INACTIVE

Input Wiegand Format

Card 1 ▼ Format Standard 26 bit ▼

Reset Apply

Output ON

Wiegand

ID Type User ID ▼ Duress None ▼

Identification

Success Standard 26 bit ▼ Fail None ▼

Verification

Success Standard 26 bit ▼ Fail None ▼

Anti-Shock

Format IXM 82 bit Device... ▼ ID Value Device Serial Num... ▼

Heart Beat

Format None ▼ ID Value Device ID ▼ Interval 60 ▲▼ (sec)

User not found

Format None ▼

Reset Apply

Pulse (µsec)

Width 40 ▲▼ Interval 2000 ▲▼

Reset Apply

Manage Wiegand



2. Click **Manage Wiegand** on the bottom left corner of the window. Application will be redirected to the Wiegand page.

Wiegand

Manage

+ Create Upload Delete

Wiegand ID	Name	Type
1	Standard 26 bit	Standard26Bits

Page 1 of 1 1 to 1 of 1 Items

Device Wiegand

Select Wiegand

Delete



- Under manage, click **Create** and choose the “Passthru” option from the dropdown menu.

Wiegand

Manage

Wiegand ID	Name	Type
1	Standard 26 bit	Stand

+ Create
Passthru
Custom

Page 1 of 1

1 to 1 of 1 Items

Device Wiegand

Select Wiegand

Delete

- It will open PassThru Wiegand Format page.

Wiegand

Passthru

Wiegand Name

Total Bits 0

ID Bits 0

Save



5. Provide details of “Wiegand Name”, “Total Bits” and “ID Bits”.

Wiegand

Passthru

Wiegand Name: PassThru-1 Total Bits: 10 ID Bits: 10

ID Bit Mask: [10 blue bit indicators] ID Bits

Save

6. Select position of ID bits to create ID Bit mask and click **Save**.

Wiegand

Passthru

Wiegand Name: PassThru-1 Total Bits: 10 ID Bits: 10

ID Bit Mask: [10 green bit indicators] ID Bits

Save

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





8. Click **OK** and the application will redirect to list of Wiegand pages.

Wiegand

Manage

+ Create Upload Delete

Wiegand ID	Name	Type
1	Standard 26 bit	Standard26Bits
2	PassThru-1	Passthru

Page 1 of 1 1 to 2 of 2 Items

Device Wiegand

Select Wiegand



9. Select the Wiegand which was recently created, go to “Upload” and click “Selected”.

Wiegand

Manage

+ Create

Wiegand ID	Name	Type
1	Standard 26 bit	Standard26Bits
2	PassThru-1	Passthru
3	Custom-1	Custom

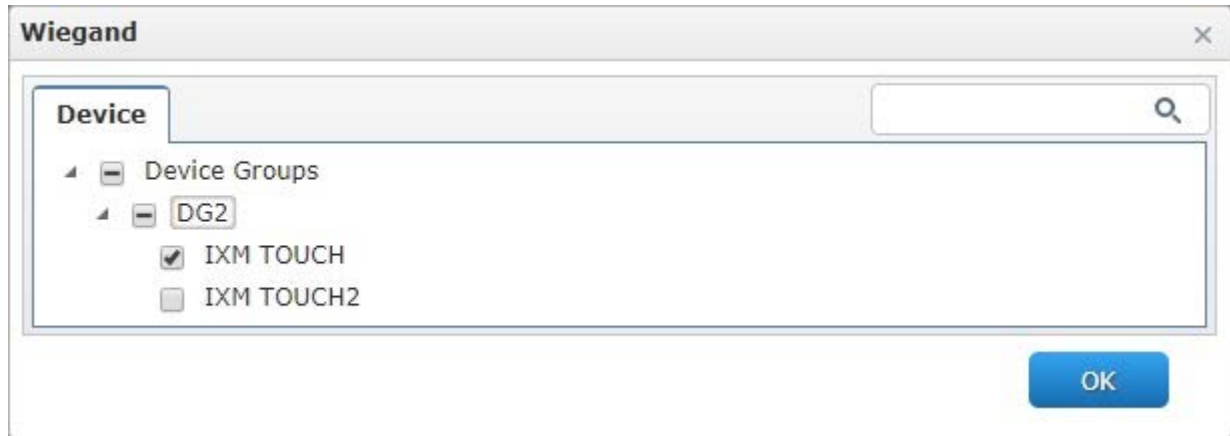
Page 1 of 1 1 to 3 of 3 Items

Device Wiegand

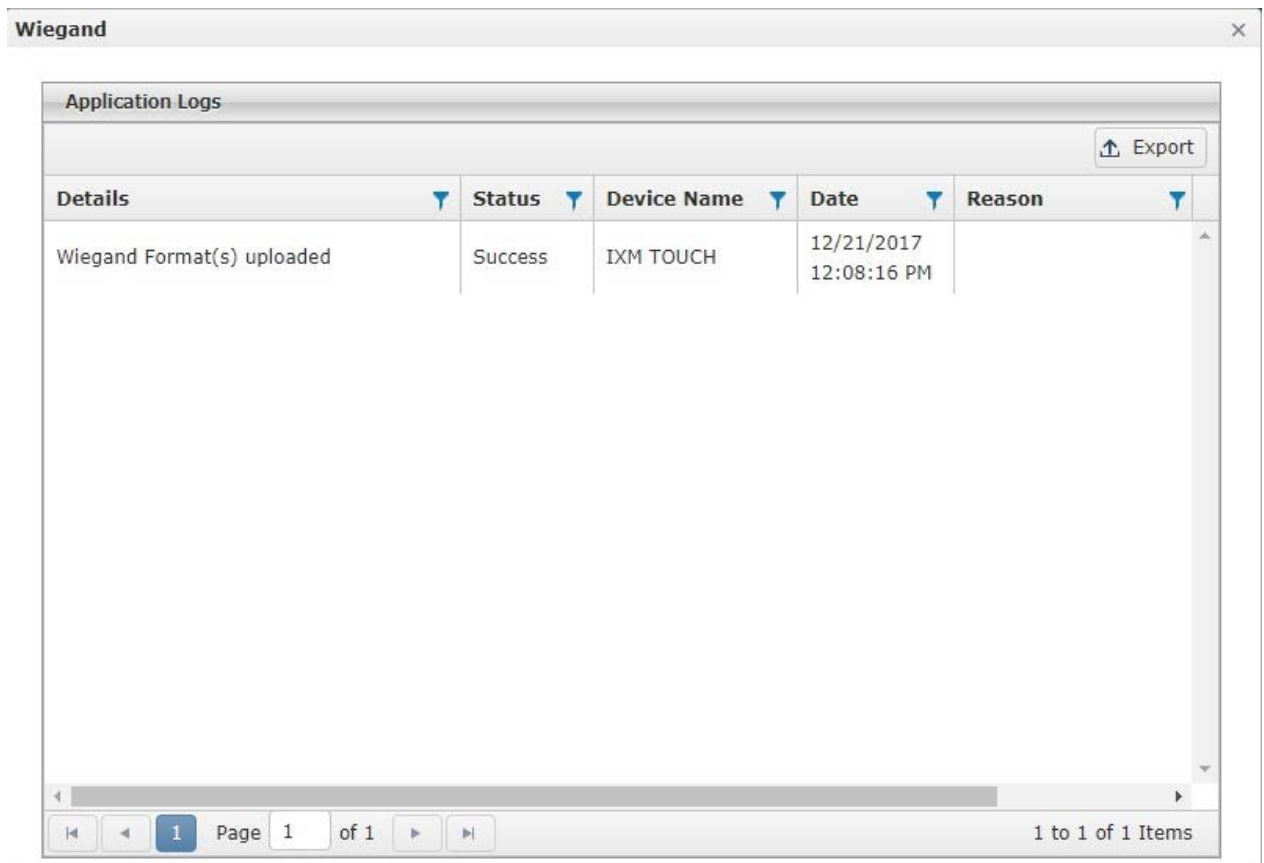
Select Wiegand



10. Application will display a list of device(s). Select the device and click **OK**.



11. Application Log 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 CONFIG tile can create PassThru Wiegand in IXM WEB.

2. What is the maximum length of PassThru Wiegand?

Users can create a maximum of 512 bits PassThru Wiegand.



Support

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

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