

HIK Vision Camera IDS-2CD7A26GOP-IZHSY_WS4 Web Server using WS4-CNV

APPLICATION NOTE

C032
This application note explain how to configure HIK Vision Camera IDS-2CD7A26GOP-IZHSY_WS4 Web Server using WS4-CNVtv

HIK Vision license plate camera connected with WS4-CNV Convertor with jumpers in WS4 Web Server system

Necessary steps:

1. **Important** ⚠ **Make firmware update of WS4 Web Server system (3.13).**
2. Make firmware update of HIK Vision Camera (model: **IDS-2CD7A26GO/P-IZHSY**).
3. Make Firmware update of the Wiegand converter WS4-CNV V2 with dip switch.
4. Set the Reader type as **“Car plate (W26/SHA1)”**
5. Put the license plate (full, with letters, without spaces) in USER, at section **“Car plate”**.

1. Make firmware update of HIK Vision Camera

- Download the firmware here:

<https://www.hikvision.com/uk/products/IP-Products/Network-Cameras/DeepinView-Series/ids-2cd7a26g0-p-izhsy-uk/#download-agreement>

It is a dav file 21MB.

Now, enter the camera via Browser, Internet Explorer.

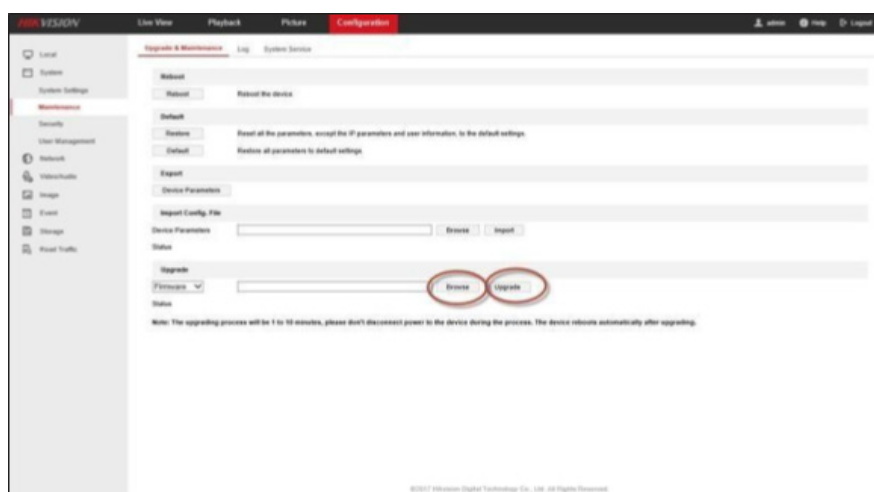
VERY IMPORTANT: HIK vision camera works ONLY with **Internet Explorer**.

192.168.1.64

User: admin

Pass: Admin123

Go to **Configuration/ Maintenance** and make the firmware upgrade there.



2. Make Firmware update of the Wiegand converter WS4-CNV V2

Latest Firmware for Wiegand Converter is located here: <https://www.xprgroup.com/download.php?token=67ee54815e61e&path=Firmware/Webserver%20WS4/WS4-CNV%20Wiegand%20converter/Default%20firmware/DA-1715.bin>

After Firmware is downloaded for Wiegand Converter make Upgrade firmware and follow the instruction given.

Door 2.0 (ANPR CAMERA)	
Push button	OFF
Door contact	>1 MΩ
Lock relay	OFF
Reader 1	DA-1715 V4.11 (39373) 
Reader 2	---

Upgrade firmware

Upgrade firmware

Select the file containing the firmware you want to burn in this reader :

C:\fakepath\DA-1715.bin 

Warning: during the programming, the other readers on the same bus will not longer be operational.


Cancel

BURN

3. Set the door where WS4-CNV V2 converter is connected.

Go to Doors.

Select the Door where the converter is connected.

#0 - Master 200050 							
ID	I/O	Name	Group	APB	ILock	Emg.	Public
1.0	O	XPM-MFBT-RS Exit 1	1				<input type="checkbox"/>
1.1	I	XS-MF-RS Entry 1	1				<input type="checkbox"/>
2.0	I	ANPR CAMERA	1				<input type="checkbox"/>
2.1	O	XP-K-MFBT-RS Exit	1				<input type="checkbox"/>

As card type, select **"Card plate (W26/SHA1)"**.

READER A ?
Cabling: on **LB2**, reader at address **0** (jumper **opened**)

Location : **Input** ▾

Card : **Car plate (W26/SHA1)** ▾

Keypad : Fingerprint :

Card + PIN mandatory periods :
Never (user can choose) ▾

Detection required :
No ▾

Timed Anti-passback

4. Put the license plate (full, with letters, without spaces) in USER, at section "Car plate".

Now, go a create a new user.

At section **"Car plate"** type the license plate with letters and numbers, no spaces.

License Plate User ? 🗑️ 📄

GENERAL ?
Full name : [id:777]
License Plate User
First name :
Department :
Position held :
E-mail :
Phone :
Car plate : **KK2892JJ**
 Disabled
 This user can acknowledge alarms

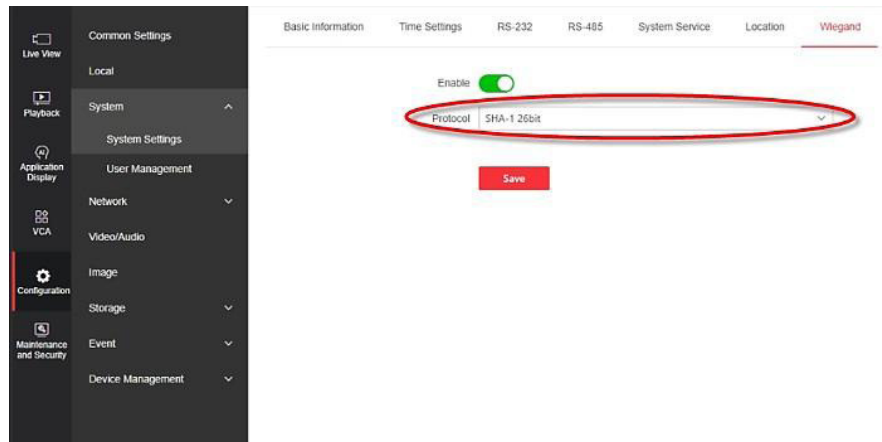
CATEGORIES ?
Category 1 : **Unlimited Access** ▾
Category 2 : **NO ACCESS** ▾
Category 3 : **NO ACCESS** ▾

IDENTIFIERS ?
Card 1 :
Code in Wiegand 26 bit:
Card 2 :
Code in Wiegand 26 bit:
PIN code :
Fingerprints
Fingers enrolled: **0** Details ▾
How can the user delete his own fingerprints?

Validity
 Always valid
From : 00:00 ▾
To : 00:00 ▾

IF you have not done these settings in the camera, do them:

1. Enter Address: 129.168.1.64 in Internet explorer
2. Enter: User: admin Password: Admin123
3. Install recommended plug in.
4. Go to Go to “**Configuration/System settings/Wiegand**” and select protocol “**SHA-1 26 bit**”.
5. Save configuration



Go to Configuration > Road Traffic > Detection Configuration

1. Check Enable
 2. Number of Lanes to be monitored by the camera: 1
 3. Select Region of the license plate
 4. Select Dimension of the license plate
 5. Select Mode
- Save configuration

All product specifications are subject to change without notice.