ANPR Camera (ITC215) with Wiegand Converter (IPM-AE7-0020A)

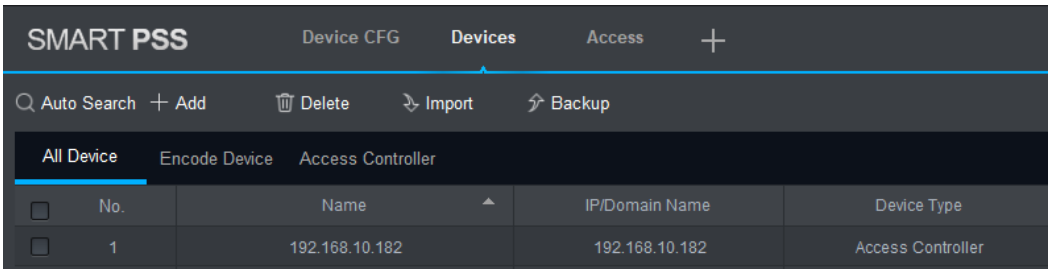
1. Connection:

converter	ANPR camera
A	RS485 A1
B	RS485 B1
	Power supply(12V,05A)
G	GND
12V	VCC
	Access Control Device
G	GND
D0	D0
D1	D1

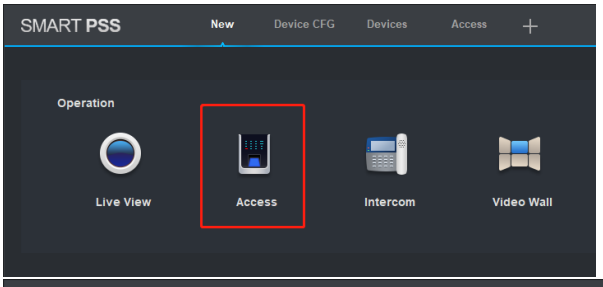
2. Firmware:
ANPR Camera: General_ITC215-PW4I-XXX_Eng_PN_Oversea_ITCPUSH_EuropeENTRANCE_V2.623.0000000.0.T.200420

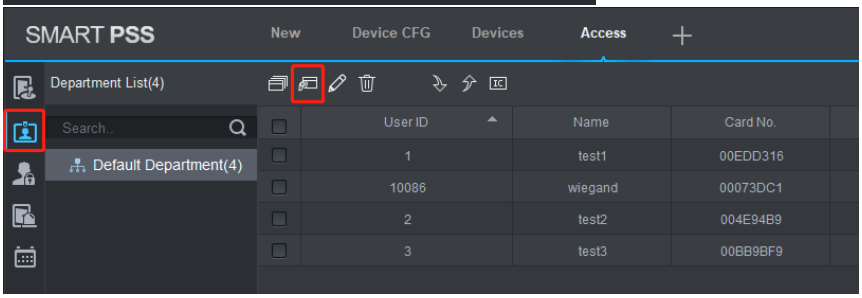
3. Test with Dahua's Access control device:
Access Control Device: ASI1201E (No need for special firmware)
Platform: SmartPSS (No need for special version)

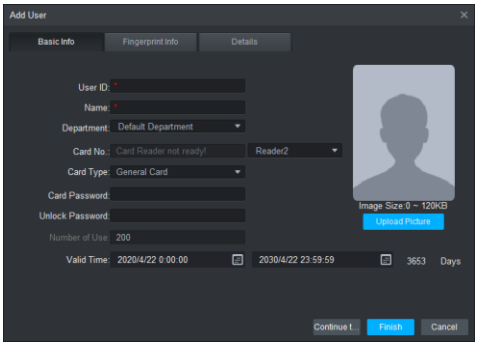
Add access control device in SmartPSS:



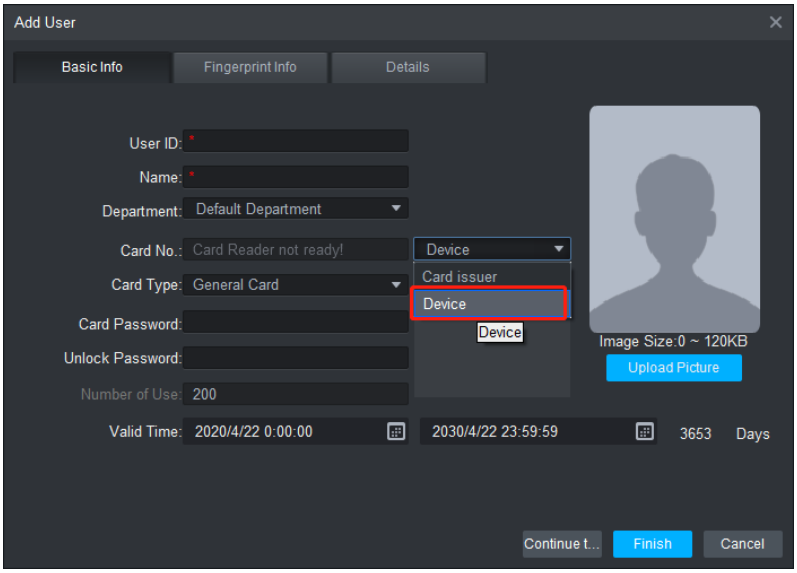
Create a user in SmartPSS-Access module:



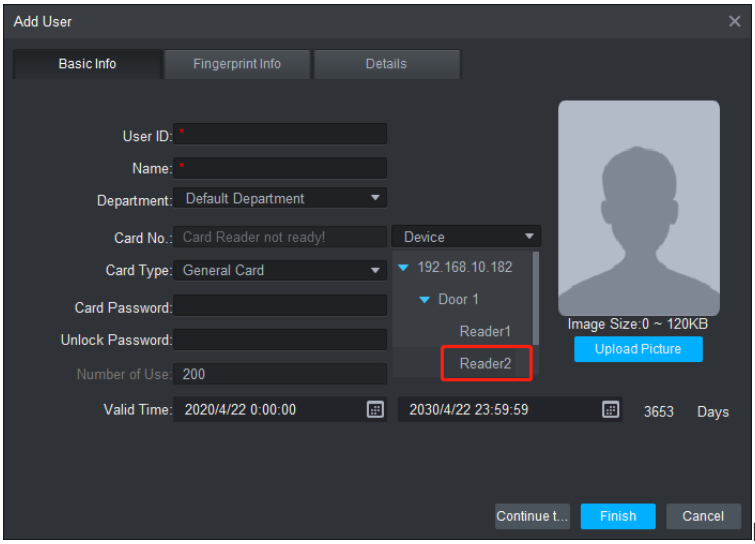




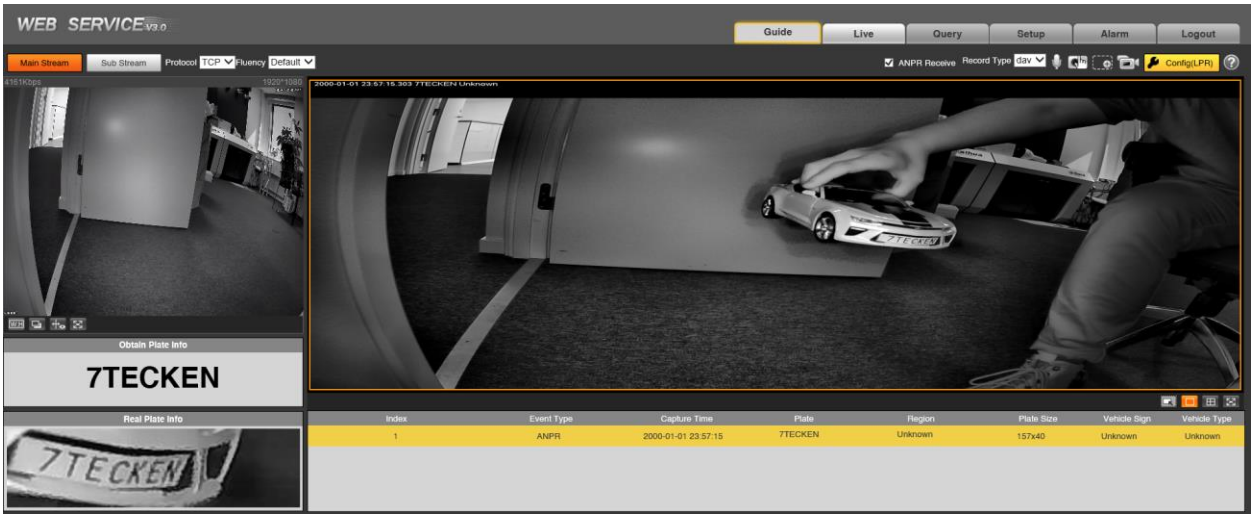
Giving the user an ID and name;



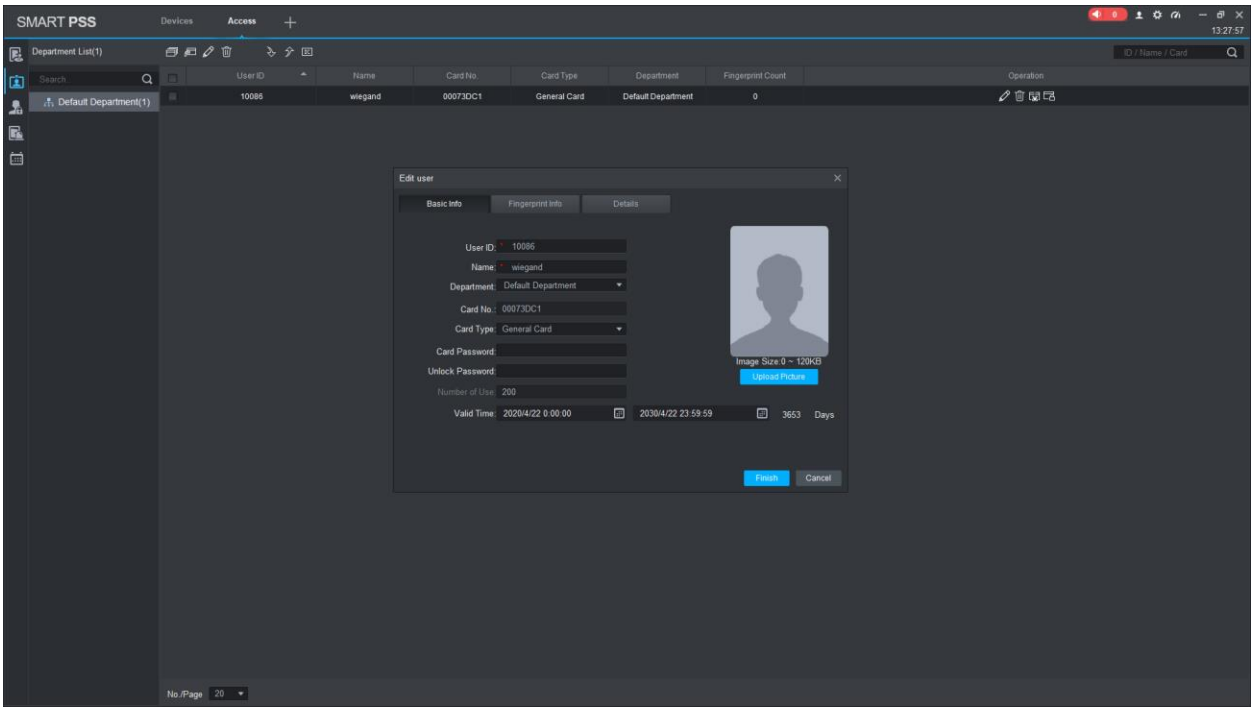
Here, choose “Device”, and find the access control device;



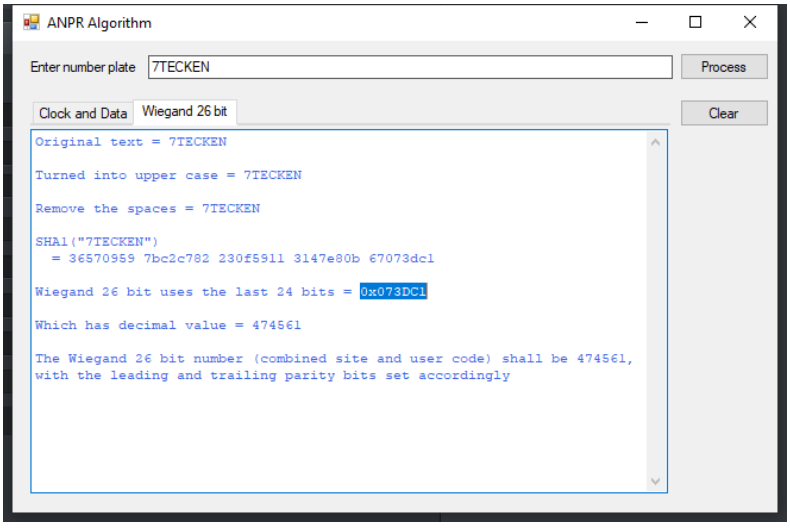
Further, choose Reader2 here.



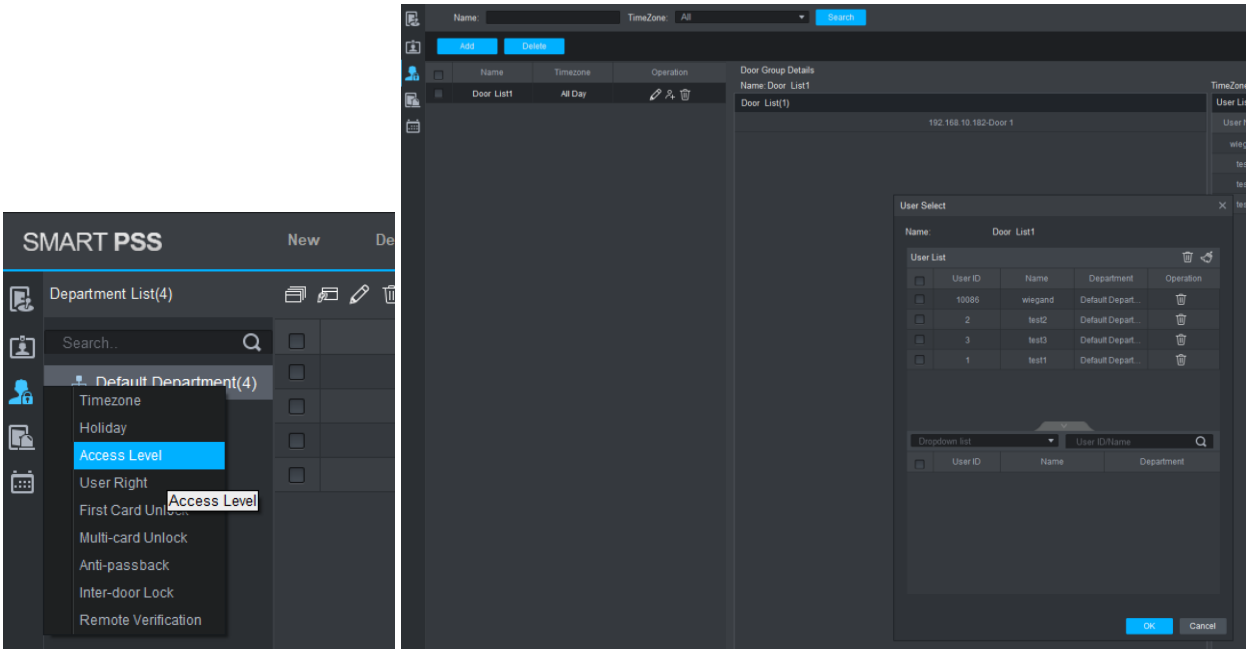
Let the license plate be read by ANPR camera, the license number will be transcode in to the Card No by SHA1.



Once the license plate number has been read by ANPR camera, it will be automatically registered into the card no.



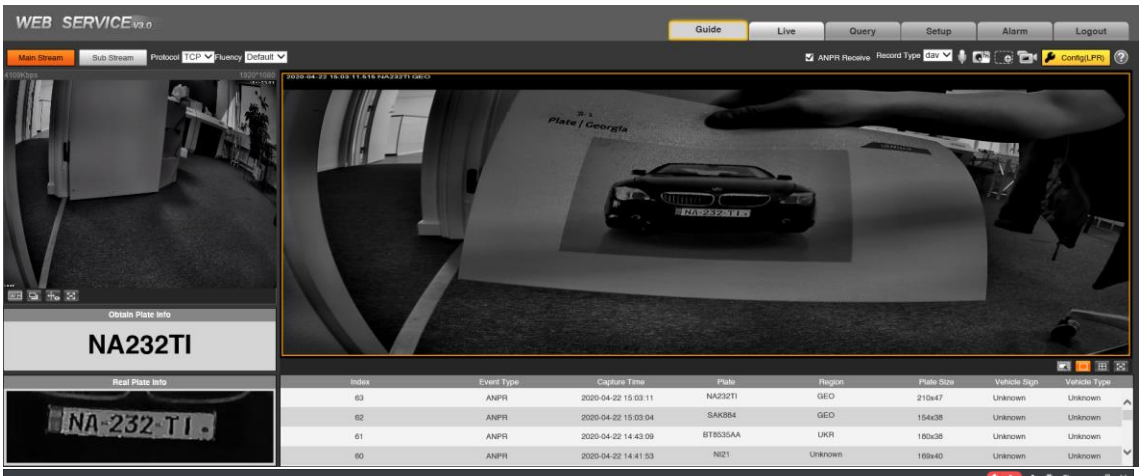
There is a tool for you to verify the transcode process.

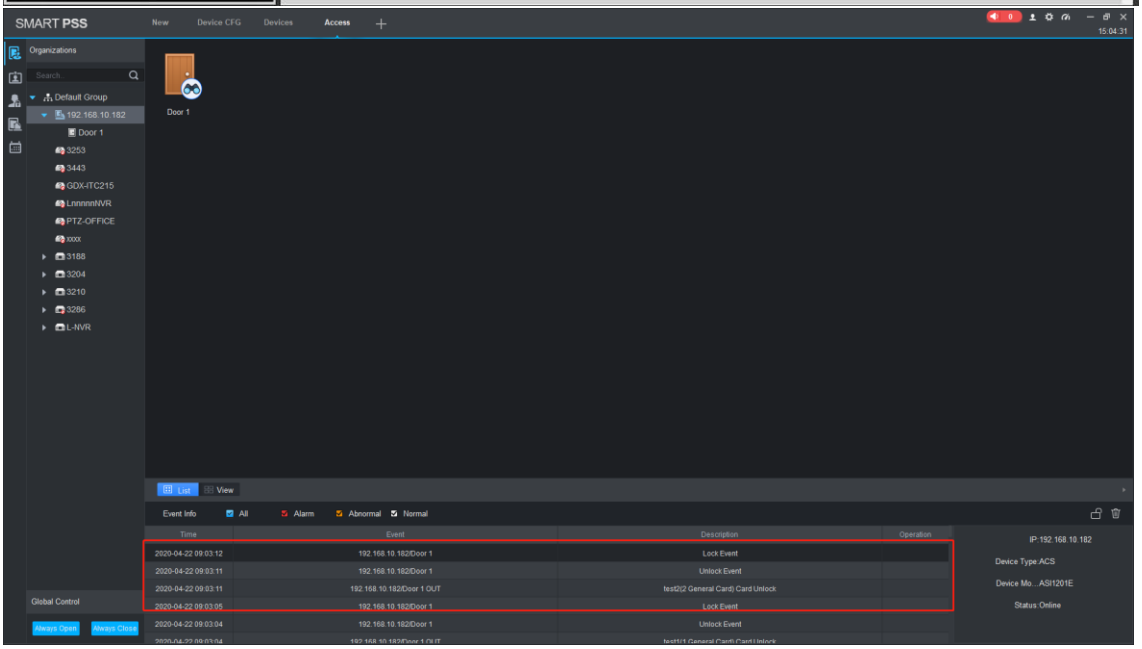


Then go to the “access level” section for giving the authority to the user opening the door.

That is pretty much for the configuration.

4. Results:
   The moment ANPR correctly captures and reads the registered license plate the door will be open accordingly.


WEB SERVICE V3.0
Guide
Live
Query
Setup
Alarm
Logout
Main Stream
Sub Stream
Protocol TCP
Fluency Default
ANPR Receive
Record Type dav
Config(LPR)
Obtain Plate Info
NA232TI
Real Plate Info
Index
Event Type
Capture Time
Plate
Region
Plate Size
Vehicle Sign
Vehicle Type
63 ANPR 2020-04-22 15:03:11 NA232TI GEO 210x47 Unknown Unknown
62 ANPR 2020-04-22 15:03:04 SAK884 GEO 154x38 Unknown Unknown
61 ANPR 2020-04-22 14:43:09 BT8535AA UKR 180x36 Unknown Unknown
60 ANPR 2020-04-22 14:41:53 NI21 Unknown 169x40 Unknown Unknown


SMART PSS
New
Device CFG
Devices
Access
Organizations
Default Group
192.168.10.182
Door 1
3253
3443
GDX-ITC215
LnnnnnNVR
PTZ-OFFICE
xxxx
3188
3204
3210
3286
L-NVR
Global Control
Always Open
Always Close
List
View
Event Info
All
Alarm
Abnormal
Normal
Time
Event
Description
Operation
2020-04-22 09:03:12 192.168.10.182/Door 1 Lock Event
2020-04-22 09:03:11 192.168.10.182/Door 1 Unlock Event
2020-04-22 09:03:11 192.168.10.182/Door 1 OUT test2(2 General Card) Card Unlock
2020-04-22 09:03:05 192.168.10.182/Door 1 Lock Event
2020-04-22 09:03:04 192.168.10.182/Door 1 Unlock Event
IP:192.168.10.182
Device Type:ACS
Device Mo...ASI1201E
Status:Online