

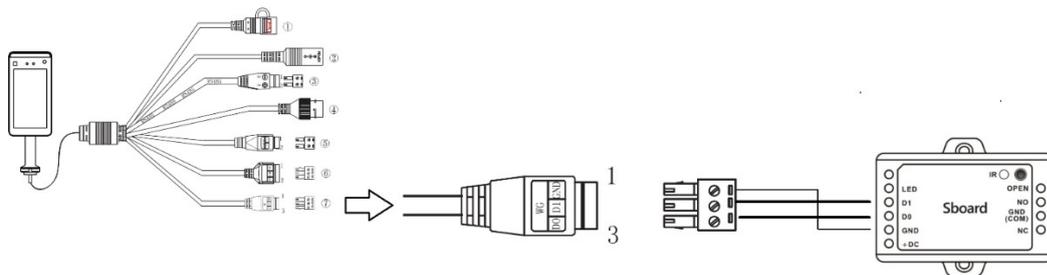
## Using the Wiegand Port with EN7-S02T-W (Fw. 20.X.46.3)

### EN7-S02T-W - Web Configuration

Use Chrome for configurations of the thermoscanner and SDP2000 software.

### Using the thermoscanner with Access Control Systems in Output Mode Connections

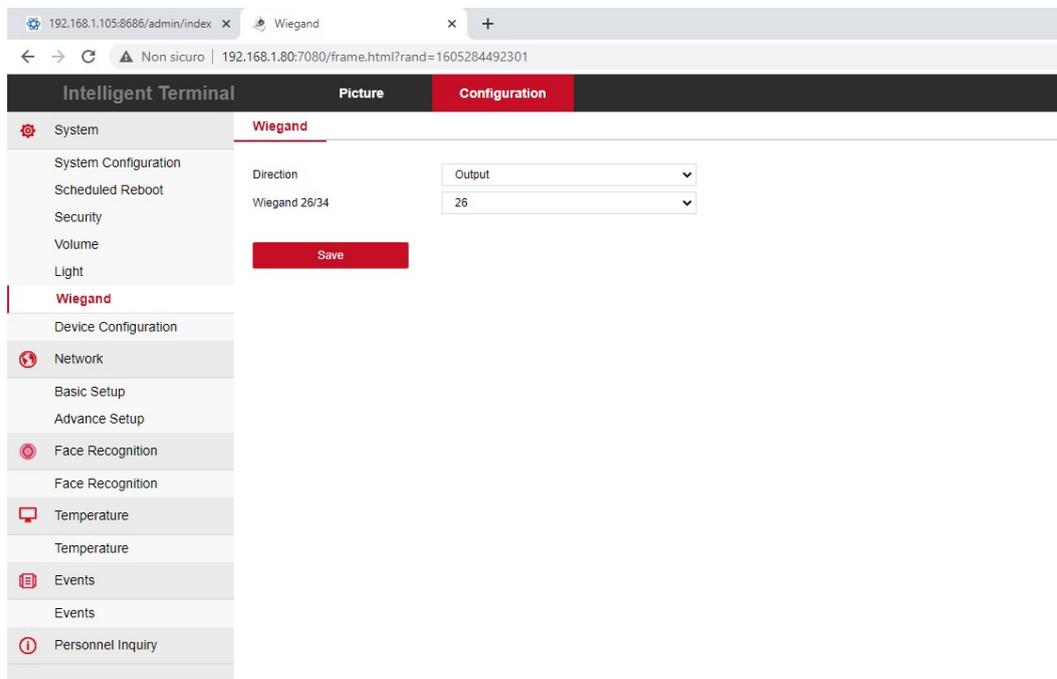
Connect the Wiegand port of the thermoscanner to the access control system, keeping the order of the data terminals, D0 - D1 - GND. Power the access control device with 12Vdc.



The Sboard device from "i-Keys" was used for testing.  
([https://www.i-keys.de/download\\_free/Sboard%20Manual.pdf](https://www.i-keys.de/download_free/Sboard%20Manual.pdf))

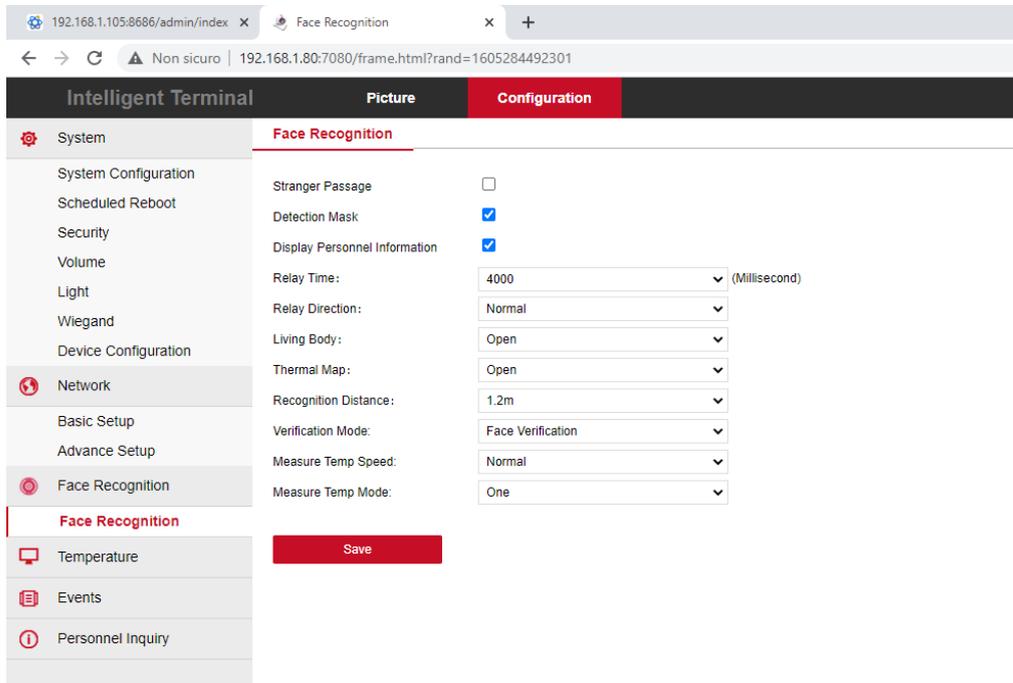
### EN7-S02T-W Configuration

The "output" mode configurable from the web interface of the EN7-S02T-W, allows to send the "Card number" code (of the personnel) to an access control system, connected on the Wiegand port of the thermoscanner.



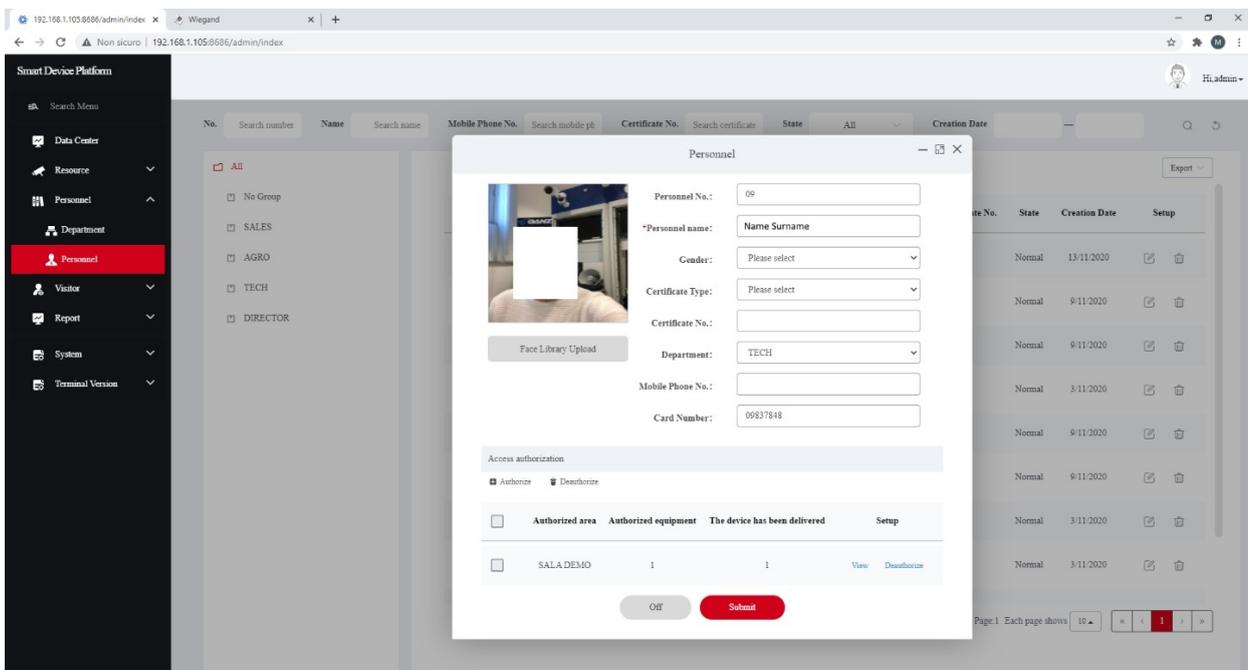
From the thermoscanner web interface, set the Output access direction and communication port to protocol 26.

In the facial recognition menu, the "Stranger Passage" item must be disabled, the "Verification Mode" must be set to "Face Verification".



## SDP2000 Configuration

In the "Personnel" menu, create your own user and associate a "Card Number". The number of bits must correspond to the one set in Step 1 of the following paragraph "Sboard Programming".



# CBC (Europe) APPLICATION



## Sboard Programming



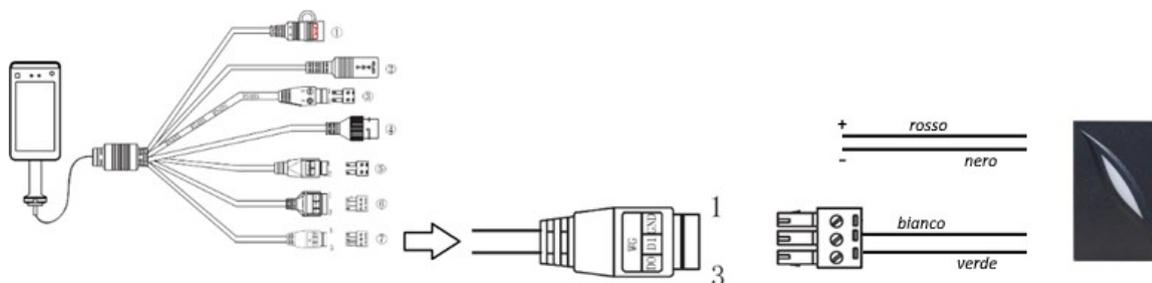
Using the remote control, program the interface following each step.

Set Master Code		
1. Entering programming mode	<b>* (Master Code)</b>	<i>Default Master Code = 123456</i>
2. Changing the Master Code	<b>0 (New Master Code) # (Repeat New Master Code) #</b>	<i>Ex. 0 987654 # (x 2)</i>
3. Exit programming mode	*	
Step 1 - conf. input		
1. Entering programming mode	<b>* (Master Code)</b>	
2. Wiegand Input bits PIN Input bits	<b>8 (26) # 8 (8) #</b>	<i>Default 26 bits - OK Default 4 bits - Set to 8 bits</i>
3. Exit programming mode	*	
Step 2 - upgrade key card		
1. Entering programming mode	<b>* (Master Code)</b>	
2. Add Card: from Card number	<b>1 (Key card) #</b>	<i>Card code</i>
3. Exit the mode programming	*	

## Using the thermoscanner with Access Control Systems in Input Mode

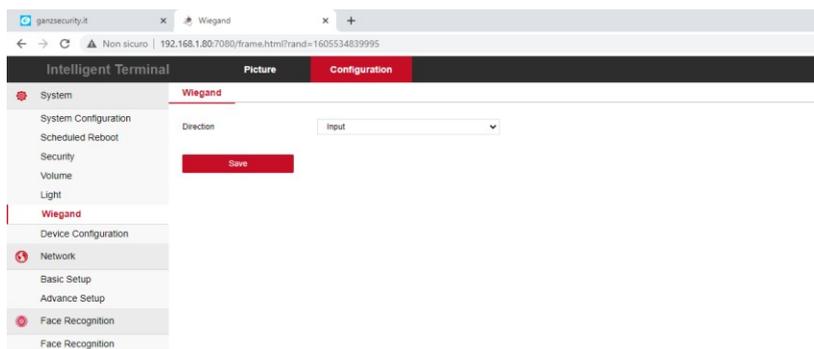
### Connections

Connect the Wiegand port of the thermoscanner to the access reader system (RFID), maintaining the order data terminals, D0 - D1 and 12Vdc power supply.



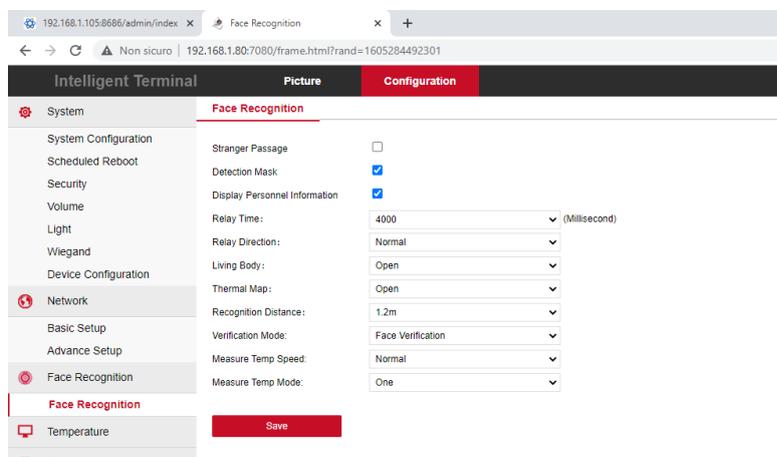
### EN7-S02T-W Configuration

The "input" mode configurable from the web interface of the EN7-S02T-W, allows to receive the "Card number" code (of the personnel) from an RFID reader for the access control, connected on the Wiegand port of the thermoscanner.



From the web interface of the thermoscanner, set the access direction as "Input".

In the facial recognition menu, the "Stranger Passage" item must be disabled, the "Verification Mode" must be set to one of three modes: "Face Verification", "Card Verification", "Face and Card Verification".



### SDP2000 Configuration

Repeat the operations as explained in the paragraph "SDP2000 configuration" on page 2.