Digital colour entrance panel with addresses list

322011

Description

D45 System entrance panel with colour camera and backlighted alphanumeric keyboard equipped with pushbutton to direct calls to the porter switchboard. Possibility to send an alarm message to the switchboard when opening over two minutes of the associated lock or when trying to remove the device. Setup parameters via device keyboard. Configuration by device menu and keyboard or through the dedicated software (supplied with the product). Residents can be called in 3 different ways :
- searching the name of the resident in the addresses list by using up & down arrow keys
- entering the resident surname by using the alphanumerical keyboard (same way as for the mobile phone)
- direct call by typing the resident corresponding numerical code (you must know the resident code).
Flush mounting installation with dedicated box - supplied with the product.

Technical data

Power supply:	30 Vdc
Stand by absorption:	≤ 25 mA @ 30 V
Max operating absorption:	≤ 245 mA@30 V
Camera sensor:	1/3"
Lens:	F3.6 mm
Camera diagonal view angle:	85°
Camera distance up to clear picture:	16.4 cm
Camera resolution:	540 TV Lines (horizontal)
Camera minimum lux level visibility:	0.01 lux (compensation lamp OFF)
	0 lux (compensation lamp ON)
Operating temperature:	(-25) – (+55) °C
Protection index:	IP54
Protection against mechanical impact:	IK07

Dimensional data
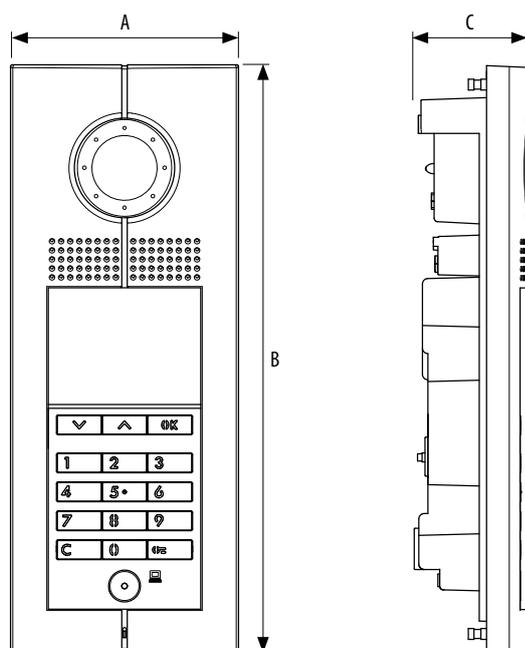
A (mm)	B (mm)	C (mm)
125	325	44,5

Front view
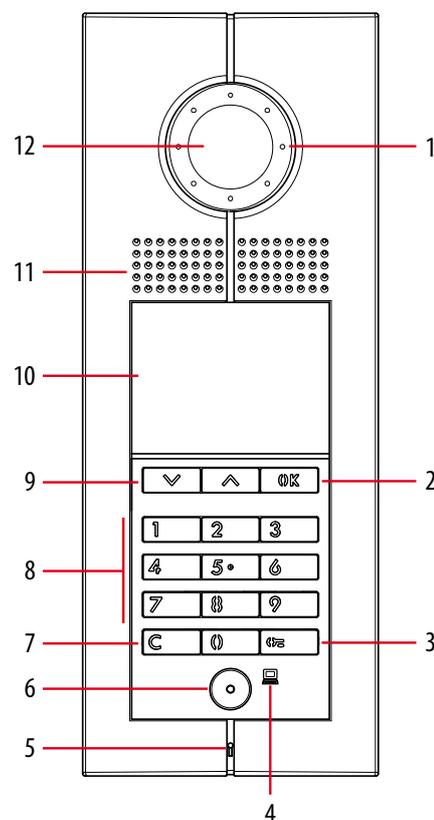
Legend

1. Compensation Lamp
2. Send call to the selected resident key
3. Door lock release key
4. External light sensor
5. Microphone
6. Direct call to the management center pushbutton
7. Delete & Return key
8. Alphanumerical pushbuttons
9. Navigation / search for the resident keys
10. Backlighted LCD display
11. Loudspeaker
12. Adjustable colour camera

Related items

322012   Targa module
346250   Door lock relay

Rear view
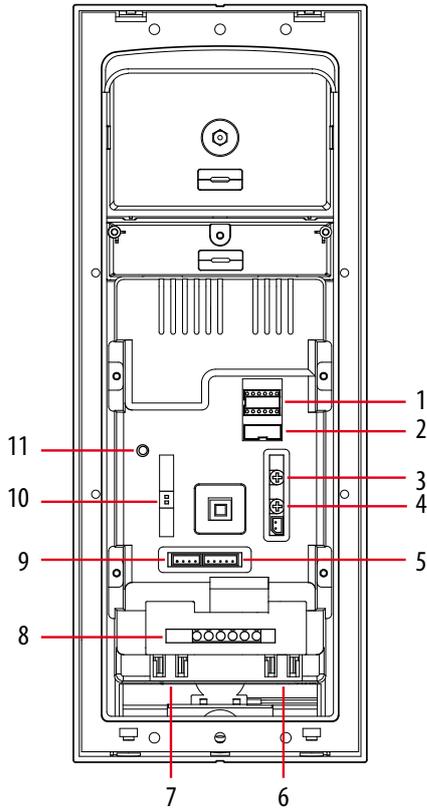
Flush mounting box - dimensional data
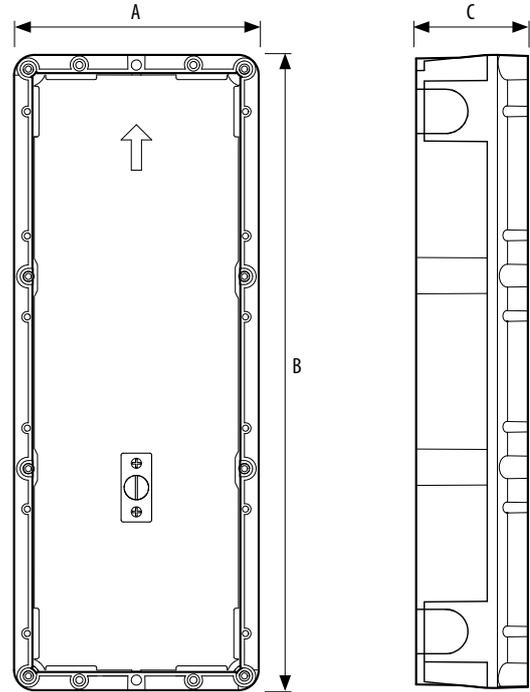
Legend

1. NN RRRR: configurators housing

2. ISP: entrance panel software upgrade connector

3. SPK: loudspeaker volume adjust

4. MIC: microphone volume adjust

5. VIDEO-IN/GND/NC/+12V/LED : entrance panel camera and compensation Lamp connector

6. RJ45 Targa module connection

7. RJ45 System BUS connection

8. 6 poles connector :

– +12V/GND power supply for access control module (Optional)

– UNLOCK signal output from access control module (Optional)

– DAS electronic lock status signal connector

– LOCK-/LOCK+ electrical door lock connection

9. SPK-OUT/GND/GND/SPK-OUT: entrance panel loudspeaker connections

10. (V-GAIN) video gain setting

11. Password RESET pushbutton

A (mm)	B (mm)	C (mm)
120	314	55

Configuration & Settings

Entrance panel must be configured for the following parameters:

N	N	R	R	R	R

NN : Entrance panel number
RRRR : NOT USED

Two different device configuration ways available:

WAY 1) Configuration settings by device keyboard
WAY 2) Configuration by using SF2 Software and PC connection

Configuration settings by device keyboard - WAY 1:

```
          Welcome
```

Access to the configuration menù by press and hold the door lock key [⌇⌇]
for more than 10 seconds.

```
        PASSWORD
        [ ] _ _ _
```
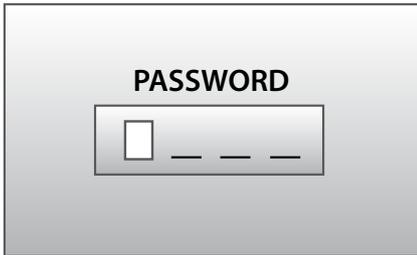
Enter the access code (DEFAULT 1 2 3 4)

```
        PASSWORD
        1   2   3   4
```

If the correct code has been entered, direct access to the configuration menù will be granted.

```
        CONFIGURATION
        Language
        Panel settings
        Address book
```

```
        CONFIGURATION
        Phonic module settings
        FW versions
        EXIT
```
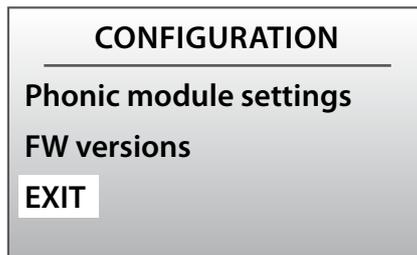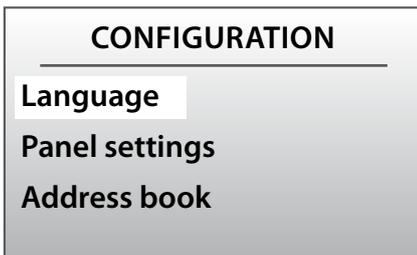
To exit from the configuration menù, or to return to the previous menù, select EXIT than press OK.

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Configuration & Settings

Changing the PASSWORD - if the password has been forgotten , it is possible to change it in this way : press the RESET pushbutton on the rear side of the device for about 6 seconds. Password will be recovered to default (1 2 3 4).

Password setup

```
        PASSWORD SETUP
  ─────────────────────────

  Password            1234


  EXIT
```
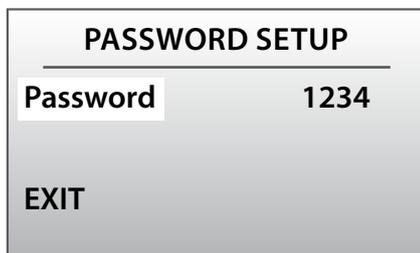
To change the access password, press OK than enter new password "6789"

```
        PASSWORD SETUP
  ─────────────────────────

  Password            6789


  EXIT
```
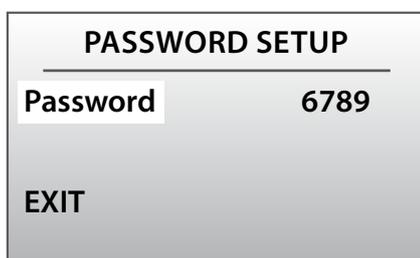
Confirm by pressing [⸨K]

Entrance panel settings :

```
        CONFIGURATION
  ─────────────────────────
  Language
  Panel settings
  Address book
```
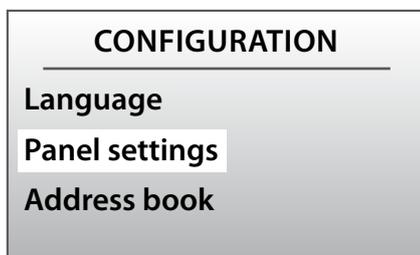
Select the menu function [⋁] [⋀] and confirm by pressing [⸨K]

```
      PANEL SETTINGS
  ─────────────────────────
  Device settings
  Password
  Home page
```

```
      DEVICE SETTINGS
  ─────────────────────────
  Brightness      □ □ □
  Contrast        □ □ □
  EXIT
```
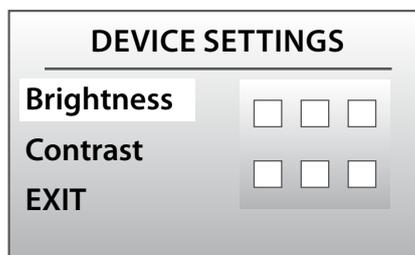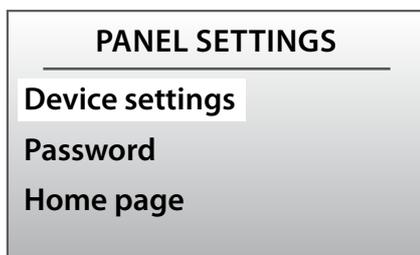
Device settings submenu, allows you to set up the following parameters :
- display brightness adjustment
- display contrast adjustment

Press EXIT to return to the previous menu.

Configuration & Settings

HOME PAGE - this menu function allows you to enter a customized welcome message or any other general message.
The message can fill a maximum of three text rows (15 characters max.) - Template.
Is possible to set the display time of the message on the screen (5, 10 or 15 seconds) - Timeout.

HOME PAGE	
Template	1 line
Timeout	5 Sec
Text	--->

HOME PAGE TEXT	
Line 1	--->
Line 2	--->
EXIT	

Select the line where to enter the text by using [∨] [∧] and confirm with [OK]

HOME PAGE TEXT
Line 1
Welcome
EXIT

HOME PAGE TEXT
Line 1
MY TEXT ☐
EXIT

Press [OK] to select the text field. Enter the message text by using the alphanumerical keyboard (in the same way as you write an SMS on your mobile phone).
Than confirm with [OK] .
The message will continuously appear on the home page screen as for the time set in the Timeout menu.

Restore DEFAULT SETTINGS

PANEL SETTINGS
Home page
Restore default

HOME PAGE TEXT
Confirm
EXIT

Select the line where to enter the text by using [∨] [∧] and confirm with [OK]
The settings of the entrance panel will be restored to the factory default settings.

NOTE : this operation does not delete the data contained in the resident address book.

Configuration & Settings

ADDRESS BOOK - This menu is used to to enter various residents data (including call codes and door lock release codes) as well as performing any other function described below :

```
        CONFIGURATION

  Panel settings

  Address book

  Phonic module settings
```

```
        CONFIGURATION

  List of names        ON

  Type of code         --->

  Recall               OFF
```
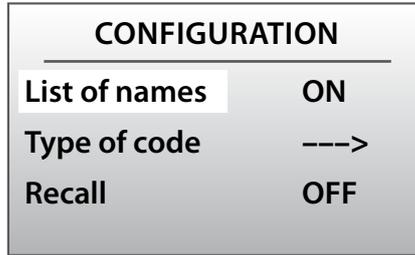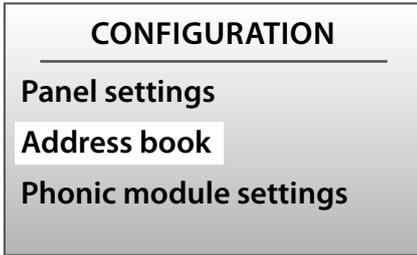
List of names - this setting estabilish how the name of the residents will be displayed on the screen. ON = list enabled

```
      Select the name with

       ∧ ∨ and press OK
```
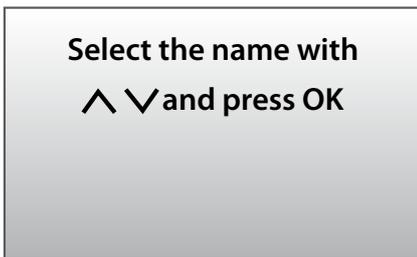
To search the desired resident name, use the indicated keys or enter the surname by using the alphanumerical keypad.

Calling mode by type of code - Enter the type of code to be used to call the resident

```
        CALLING MODE

  List of names        ON

  Type of code         --->

  Phonic module settings
```

```
          CODE TYPE

  Apart address        *

  Call code

  EXIT
```
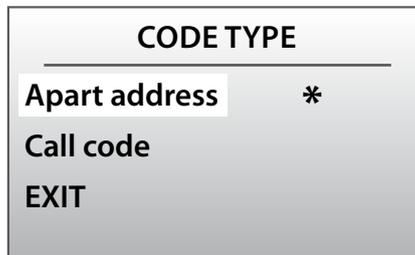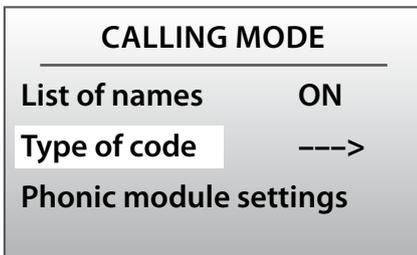
Apart address = SCS address of the handset
Call mode = Numerical code assigned to the resident

Calling mode - recall - when this function is enabled, the entrance panel will automatically repeat the call every 25 seconds up to 2 times.

```
        CALLING MODE

  List of names

  Type of code         --->

  Recall               OFF
```
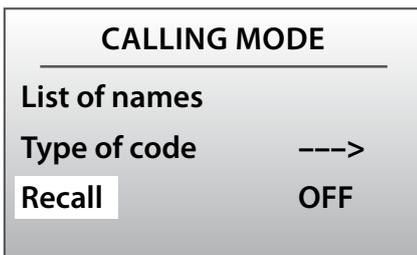
Configuration & Settings

Contact setting - call codes can be set with a lenght from 1 to 8 digits. Door lock codes can be set with a lenght from 4 to 9 digits.

```
        ADDRESS BOOK
  ─────────────────────
  Contact setting

  New contact

  Modify contact
```

```
        ADDRESS BOOK
  ─────────────────────
  Call code digits    4

  Lock code digits    5

  EXIT
```
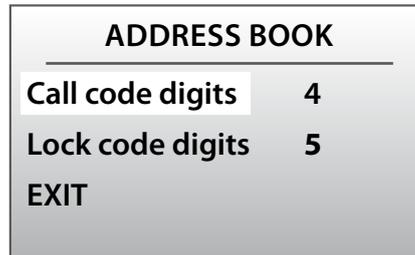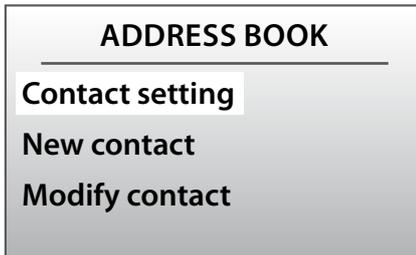
Call code digits : default 4 digits
Door lock release code digits : default 9 digits

Modify contact - this function gives you the possibility to change the selected contact.

```
        ADDRESS BOOK
  ─────────────────────
  Contact setting

  New contact

  Modify contact
```

```


  Aaaaaa


```
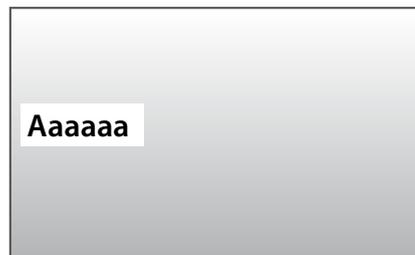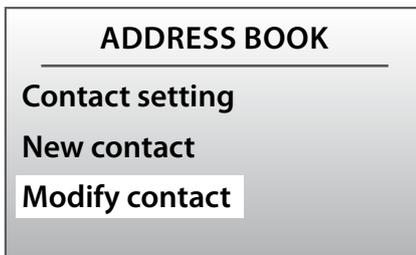
Select the contact to change [⌄] [⌃] and confirm with [ⓞⓀ]

Entering a new contact- this function gives you the possibility to enter new residents in the address book.

```
        ADDRESS BOOK
  ─────────────────────
  Contact setting

  New contact

  Modify contact
```
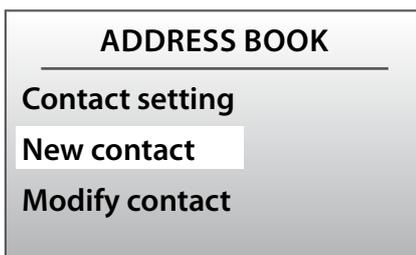
For each resident is possible to set the following parameters :

ID Number :   identification progressive number automatically assigned by the device to each resident. This function gives you the possibility
                   to change this ID with a 4 digits number asigned by the installer.

Surname :   surname of the resident.

Name :   name of the resident.

Public :   set on (YES), the name and the surname of the resident will appear on the display during the call selection.
                   set on (NO), the name and the surname are hidden. Resident call is possible by entering the call code.

Apart address : SCS address of the corresponding handset.

Call code :   numerical call code assigned to the resident.

Lock code :   door lock release numerical code.

Configuration & Settings

Delete contact - this function gives you the possibility to delete the selected contact.

ADDRESS BOOK	Aaaaa
New contact	Bbbbb
Modify contact	Ccccc
Delete contact	Ddddd
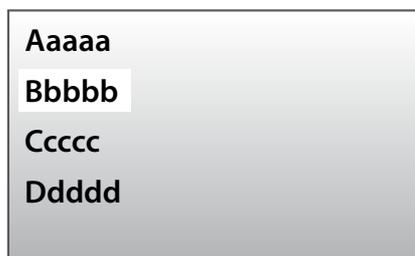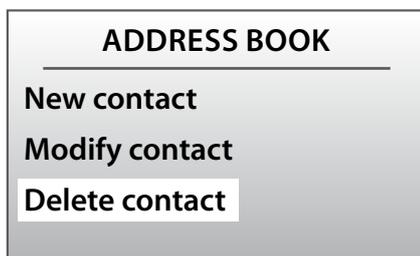
Select the contact to delete with [⋁] [⋀] than press [◖K]

DEL THIS CONTACT
Confirm
Will be deleted
EXIT

Confirm the elimination by pressing [◖K]

Delete the adresses book - this function gives you the possibility to delete all the contacts present in the addresses book.

DEL ADDRESS BOOK
Confirm
Will be deleted
EXIT
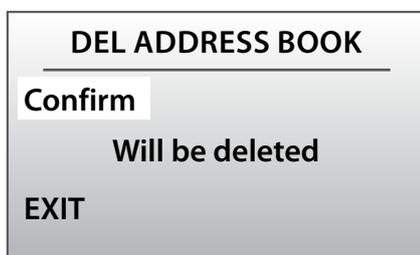
Confirm the elimination by pressing [◖K]

Configuration & Settings

Speaker module settings - this configuration can be performed only with the module NOT phisically configured (NO configurators inserted).

```
        SCS SETTINGS
   ─────────────────────
 P – Panel number    00
 T – Lock time       1
 Switchboard         00
```

P-Panel number:	SCS address of the entrance panel
T-Lock time:	door lock time delay **(NOT USED)**
Switchboard:	SCS address of the switchboard (if present)
Signal type of lock:	NO = Normally open
	NC = Normally closed
Dismantle alarm:	ON = alarm enabled
	OFF = alarm disabled

Firmware version - this menu indicate you the firmware version installed on the device.

```
      FW versions

 Phonic mod. :  00.00.00

 EXIT
```

Direct call to the switchboard - by pressing the dedicated pushbutton.

```
 To call the switchboard

 press the button   (∘)
```

```
        Switchboard
```

Door lock release by code- you can directly activate the door lock releasing by typing the associated numerical code. Press the key ⟨🔑⟩ than enter the numerical code.

```
  Input unlock password


     __  __  __  __
```

```
        DOOR OPEN
```

Configuration

Configuration by using SF2 Software and PC connection - **WAY 2** :

This is the enhanced way to download the device configuration to entrance panel previously created by using SF2 configuration software and a personal computer. To transfer use the configuration hardware tool 323020 serial interface

323020
configuration
tool
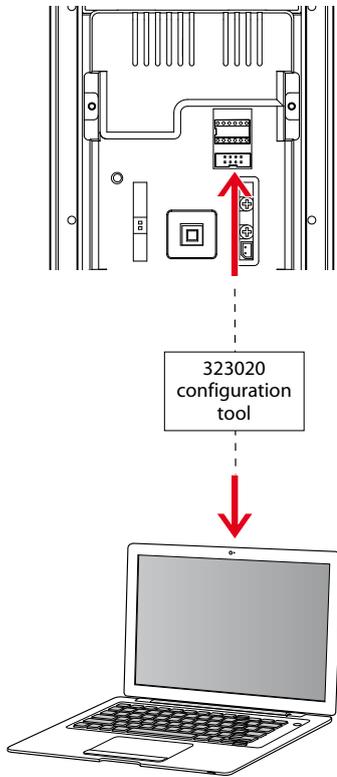
WARNING : in order for the communication to take place, the EP must be powered and not physically configured

Video gain settings

The entrance panel has a double DIP SWITCH for the video compensation setting. By setting different DIP V-GAIN, it is possible to adapt the video signal to different transmission distances - refer as follows :

ON

OFF

1 2

DIP SWITCH SETTINGS FOR B/W. AND COLOUR SYSTEM

Distance	1	2
0 – 300 m	OFF	OFF
300 – 700 m	ON	OFF
700 – 1000 m	ON	ON

Wiring diagrams - Door lock relay connection

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346250

S- S+ C NC NO

L+ L–

N.B.: Cable size 1 mm² and max distance 2 meters

NO	8A cosφ = 1	24 Vac/24 Vdc
NC	4A cosφ = 0.7	24 Vac
C	3A cosφ = 0.4	24 Vac

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