433-CMU
Wireless Central Monitor and Nurse Call Paging System

Optional Accessories

433-PGD
Caegiver Pocket Pager with
LCD Display

433-NC
Wireless Nurse Call Button
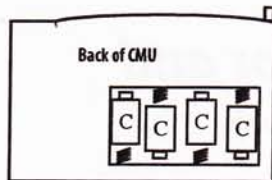
433-PG
Caegiver Pocket Pager
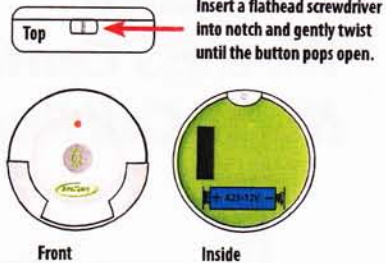
1 Insert Batteries into Each Component

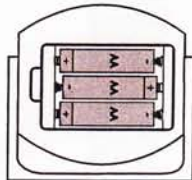### 433-CMU Economy Central Monitor
Batteries not included

Back of CMU

C C C C

433-NC Nurse Call Button (optional)
Batteries included

Top

Insert a flathead screwdriver into notch and gently twist until the button pops open.

Front   Inside

433-MS Motion Sensor (optional)
Batteries not included

433-NCA Adaptor (optional)

Batteries already installed.

433-EXT Window/Door Exit Sensor (optional)
Batteries included

Gently pry open using tab at top of 30A-EXT.

Back of 433-EXT

Inside of 433-EXT

433-PG Caregiver Pager (optional)
Batteries not included

AA   AA
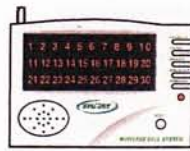
Front of pager
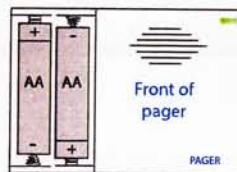
PAGER

433-PGD Caregiver Pager w/ Display (optional)
Batteries not included

AA   AA

Back of pager

2
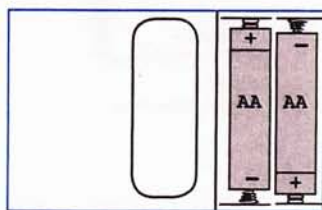
2 Adjust Language and Volume on Central Monitor and Pager

433-CMU

433-PG

To adjust language or select a song, press the "Language" buttons on the Central Monitor and/or optional pager (ON/OFF switch on side of pager must first be switched to "ON" or ⊙). Press "Language" button repeatedly to scroll through the available options. When you find your desired selection, stop pressing the button.

433-CMU

433-PG

Adjust volume by pressing "Volume" buttons on Central Monitor and/or optional pager. Choose from 3 volume options by repeatedly pressing "Volume Button" until you find desired volume. Monitor is shipped with alarm volume set at 90 decibels (90 decibels is the legally accepted occupational noise allowance).

3 Program Components to Work with Central Monitor

Before programming the Central Monitor and components, be sure to read through directions for all of the components you will be programming to work with your Central Monitor. **Make sure you are prepared to program all of the components before you begin.** The Central Monitor automatically exits programming mode after 30 seconds of inactivity. If you are not prepared with all of your components, you may be forced to start again at the beginning.

Call
Alarm
Unlock
Lock

Before programming the Central Monitor and components, make sure the switch on the side of the Central Monitor is set to "Unlock." When all programming is complete, prevent tampering by setting this switch to "Lock."

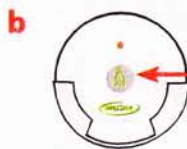### 433-NC Nurse Call Button (optional) Programming Instructions

a

433-CMU

Press and hold the "Record/Add" button until you hear 2 dings and a melodic tone.

c

433-NC

Press and release the next Nurse Call Button or other component that you would like to program, repeating step **b** until all buttons/components have been programmed.

b

433-NC

Press and release the Nurse Call Button. The Central Monitor will speak and display a number. Number shown is the Nurse Call Button's identification number on the Central Monitor. Wait for a melodic tone before programming additional buttons/components or exiting.

d

433-CMU

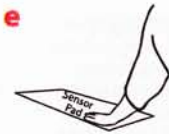Press the "Reset" button to exit programming mode when programming is complete.

WARNING: If you do not wait for the Central Monitor to make a melodic tone before pressing the next Nurse Call Button or other component, each component will be programmed to the same number on the Central Monitor. In this situation, the Central Monitor will speak one number for the component, but show a different number to represent the room. When multiple components are programmed to the same number on the Central Monitor, THE NUMBER SPOKEN WILL NOT CORRESPOND WITH THE NUMBER DISPLAYED. This may be useful when multiple devices are being used in the same room, but not for any other situation.

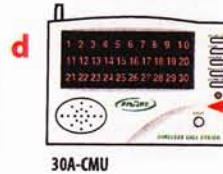## 433-NCA Monitor Adaptor (optional) Programming Instructions

a Plug Monitor Adaptor into Nurse Call Port located on the side of desired the Fall Alarm Monitor (TL-2100 series)

433-NCA

e Press sensor pad, step on floor mat, or buckle and unbuckle seat belt. Central Monitor will speak and display a number. Number shown is the Monitor Adaptor's identification number on the Central Monitor.
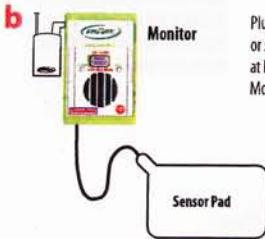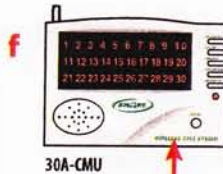
b Plug the sensor pad, floor mat, or seat belt into phone-style port at bottom of desired Fall Alarm Monitor (TL-2100 series)

Monitor

Sensor Pad

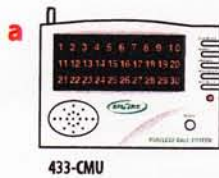**d** Press and hold "Record/Add" button until you hear 2 dings and a melodic tone

30A-CMU

c Repeat steps "a" and "b" for all Monitor Adaptors that you plan to add into the Central Monitor system.

f Wait for the Central Monitor to make a melodic tone. Then, repeat step "d" with the next Monitor Adaptor or follow programming directions for another component that you would like to program.

30A-CMU

Press "Reset" button to exit programming mode.

433-MS Motion Sensor (optional) Programming Instructions

a Press and hold the "Record/Add" button until you hear 2 dings and a melodic tone.

433-CMU

c Wait for the Central Monitor to make a melodic tone. Then, repeat step "b" with the next motion sensor or follow programming directions for another component that you would like to program.

433-CMU
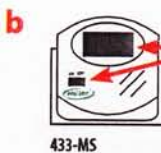
b Turn on the Motion Sensor and wave a hand in front of the "eye." The Central Monitor will speak and display a number. The Number shown is the Motion Sensor's identification number on the Central Monitor.

433-MS

d Press "Reset" button to exit programming mode.

433-CMU

WARNING: If you do not wait for the Central Monitor to make a melodic tone before pressing the next Nurse Call Button or other component, each component will be programmed to the same number on the Central Monitor. In this situation, the Central Monitor will speak one number for the component, but show a different number to represent the room. When multiple components are programmed to the same number on the Central Monitor, **THE NUMBER SPOKEN WILL NOT CORRESPOND WITH THE NUMBER DISPLAYED.** This may be useful when multiple devices are being used in the same room, but not for any other situation.

TM-02 GhostCord® Cordless Transmitter (optional) Programming Instructions

a Plug Cordless Transmitter into GhostCord® Cordless Sensor Pad or Floor Mat. Repeat this step for every Cordless Pad and Transmitter you plan to use with the Central Monitor system.

TM-02

d Press sensor pad or step on floor mat. The Central Monitor will speak and display a number. The number shown is the Cordless Transmitter's identification number on the Central Monitor.

b Press and hold "Record/Add" button until you hear 2 dings and a melodic tone.

433-CMU

e Wait for the Central Monitor to make a melodic tone. Then, repeat steps "c" & "d" with the next Monitor Adaptor or follow programming directions for another component that you would like to program.

433-CMU

c ON/OFF Switch

TM-02 03 Transmitter

TM-02 03

Turn on Transmitter using ON/OFF switch located on the thin side of the Transmitter.

f Press the "Reset" button to exit programming mode.

433-CMU

433-EXT Door/Window Exit Alarm (optional) Programming Instructions

a Press and hold "Record/Add" button until you hear 2 dings and a melodic tone.

433-CMU

c Wait for the Central Monitor to make a melodic tone. Then, repeat step "c" with the next Exit Alarm or follow programming directions for another component that you would like to program.

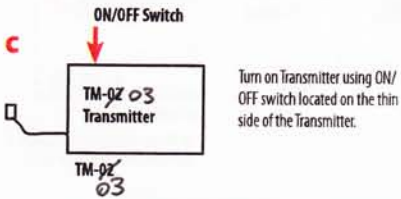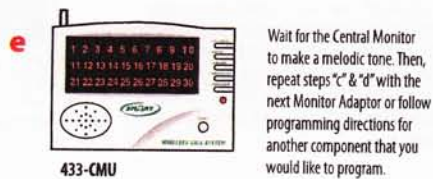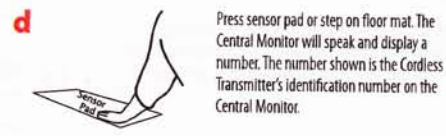433-CMU

b Touch the two parts of the Exit Alarm together and then the Central Monitor will display and speak the number the Exit Alarm has been programmed to.
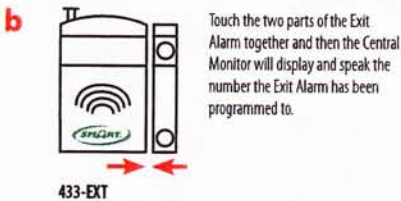
433-EXT

**d** Press the "Reset" button to exit programming mode.

433-CMU

WARNING: If you do not wait for the Central Monitor to make a melodic tone before pressing the next Nurse Call Button or other component, each component will be programmed to the same number on the Central Monitor. In this situation, the Central Monitor will speak one number for the component, but show a different number to represent the room. When multiple components are programmed to the same number on the Central Monitor, **THE NUMBER SPOKEN WILL NOT CORRESPOND WITH THE NUMBER DISPLAYED.** This may be useful when multiple devices are being used in the same room, but not for any other situation.

## 3 Test the system - Central Monitor and Optional Pager

Test system by activating each component. For example, press a Nurse Call Button or wave a hand in front of a Motion Sensor that has been programmed into the Central Monitor.

433-NC

433-MS

Pager (optional) and Central Monitor should both alarm. The Central Monitor and optional Pager with Display (433-PGD) should show correct identification number of each device as it is tested. The optional Pager will only alarm if within 300 feet from a Central Monitor. Any 433-PG or 433-PGD Pager will respond to any 30-CMU or 433-CMU Central Monitor within 300 feet. The Central Monitor and Pager should continue to alarm until they are silenced.

433-CMU

up to 300 feet

433-PG
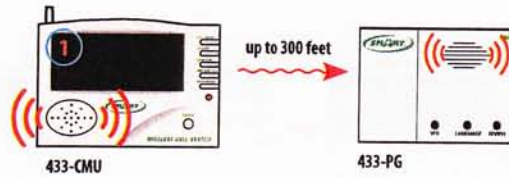
To silence the Central Monitor, press either the "Call Review" button or the "Reset" button. When the Central Monitor is silenced, any Pager responding to that Central Monitor will also be silenced. For a better understanding of "Call Review" and "Reset" features, refer to pages 7 and 8 of these instructions.
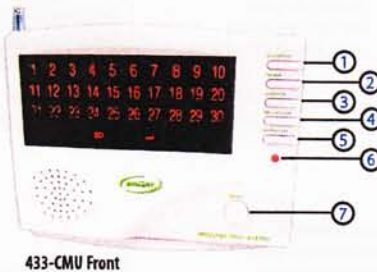
433-CMU

Call Review

Reset

433-PG
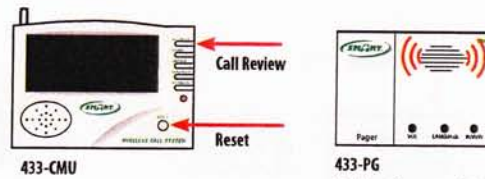
To silence the pager, switch the ON/OFF switch on the side to "OFF."

IMPORTANT: The end user is responsible for testing system at its furthest range of use.
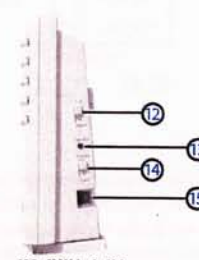
Functions of the 433-CMU Economy Central Monitor

1) Call Review Button
2) Volume Button
3) Language Button
4) Replace/Add Button
5) Record/Add Button
6) Programming Light
7) Reset Button
8) Antenna
9) Hook
10) Battery Compartment
11) Base
12) Call/Alarm Switch
13) External Speaker Outlet
14) Lock/Unlock Switch
15) DC Input

433-CMU Front
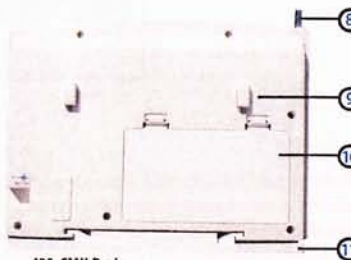
433-CMU Back

433-CMU Left Side

Call Review Button

Press once to silence the Central Monitor without erasing call memory.

Press to review recent calls - press repeatedly to scroll through last 6 calls.

Volume Button

Controls the volume of the Central Monitor - press repeatedly to scroll through 3 volume options

Language Button

Controls the language of the Central Monitor - press repeatedly to scroll through 11 language options (English, French, German, Dutch, Spanish, Italian, Portuguese, Russian, Japanese, Cantonese and Mandarin) and 3 tone options.

Replace/Add Button

Use this button when you wish to:

1. Add an additional Nurse Call Button or other component to your system.
2. Replace an existing Nurse Call Button or other component with a new Nurse Call Button or other component.

To add an additional Nurse Call Button or other component to your system:
1. Press and hold the "Replace/Add" Button until you hear two dings and a melodic tone.
2. Press the "Record/Add" Button once. Wait for two dings. After the second ding, press and release the Nurse Call Button, apply pressure to the pad being programmed, turn a motion sensor on, or touch the parts of an Exit Alarm together. **Wait for a melodic tone** before programming any additional Nurse Call Buttons or other components. The Central Monitor should speak and display the channel that the new component has been programmed to. Refer to previous pages for programming directions specific to each component.
3. Press the "Reset" button to exit programming mode.
4. Test the system with the new Nurse Call Button or other new component.

WARNING: If you do not wait for the Central Monitor to make a melodic tone before pressing the next Nurse Call Button or other component, each component will be programmed to the same number on the Central Monitor. In this situation, the Central Monitor will speak one number for the component, but show a different number to represent the room. When multiple components are programmed to the same number on the Central Monitor, THE NUMBER SPOKEN WILL NOT CORRESPOND WITH THE NUMBER DISPLAYED. This may be useful when multiple devices are being used in the same room, but not for any other situation.

To replace an existing Nurse Call Button or other component with a new Nurse Call Button or other component:
1. Press and hold "Replace/Add" Button until you hear 2 dings and a melodic tone.
2. Repeatedly press the "Call Review" Button to scroll through the numbers on the Central Monitor until you get to the number of the Nurse Call Button or other component that you would like to replace. Press the new Nurse Call Button or other new component. Central Monitor will ding when new Nurse Call Button or other new component has been accepted. Refer to previous pages for programming directions specific to each component.
3. Press "Reset" button to exit programming mode.
4. Test system with new Nurse Call Button or other new component.

Record/Add Button

Use this button when you wish to
1. Program Nurse Call Buttons or other components into a new or empty Central Monitor system
2. Erase all Nurse Call Buttons and other components currently programmed into the Central Monitor system

Record/Add

**To program Nurse Call Buttons or other components into a new or empty system:**
1. Refer to previous pages for instructions specific to each component.

WARNING: If you do not wait for the Central Monitor to make a melodic tone before pressing the next Nurse Call Button or other component, each component will be programmed to the same number on the Central Monitor. In this situation, the Central Monitor will speak one number for the component, but show a different number to represent the room. When multiple components are programmed to the same number on the Central Monitor, THE NUMBER SPOKEN WILL NOT CORRESPOND WITH THE NUMBER DISPLAYED. This may be useful when multiple devices are being used in the same room, but not for any other situation.

To erase all Nurse Call Buttons and other components currently programmed into the Central Monitor System:
1. Press and hold "Record/Add" Button until you hear 2 dings and a melodic tone.
2. Press "Reset" button to exit programming mode.

WARNING: Pressing the "Record/Add" button will erase/clear all programming from the Central Monitor. After pressing the "Record/Add" button, all Nurse Call Buttons or other components that were programmed into the Central Monitor will no longer be recognized by the Central Monitor until they are reprogrammed. Numbers will flash across the Central Monitor to indicate that no Nurse Call Buttons or other components are currently programmed to work with the Central Monitor.
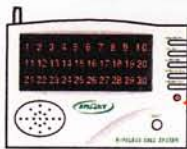
Programming Light

Programming Light

433-CMU

Indicates when the Central Monitor is in programming mode. If the light is on, the Central Monitor is in programming mode; if the light is off, it is not in programming mode.
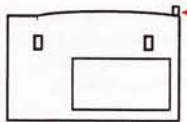
Reset Button

1. Press once to exit programming mode.
2. Press once to silence the Central Monitor **and** erase/clear call memory.

Reset Button

433-CMU

WARNING: Pressing the "Reset" button will erase/clear the Central Monitor's memory of call history so that the "Call Review" button will be unable to recall any calls made prior to pressing the "Reset" button.
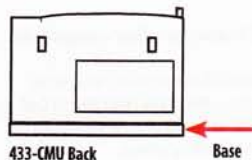
Antenna

Antenna

433-CMU Back

Extend the antenna fully to ensure the best possible reception and range between the Central Monitor and any programmed Nurse Call buttons or other components or to optimize the range between the Central Monitor and pagers.
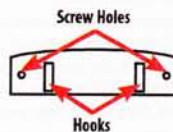
Wall Mounting the 433-CMU

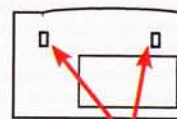**1. Slide the base off of the Central Monitor**

433-CMU Back   Base

2. Screw base into wall so that hooks face out

Screw Holes

Hooks

3. Slide the Central Monitor onto the base (now screwed onto the wall) so that the hooks from the Central Monitor connect to the hooks on the base.

433-CMU Back   Hooks

Call/Alarm Switch

433-CMU

- **Call**: When switched to this setting, the Central Monitor will alert the caregiver by voicing the programmed number of the activated device.
- **Alarm:** Call (above) is preceded by a siren sound.

External Speaker Outlet

433-CMU

An external speaker can be plugged into this outlet if you wish for louder volume.

Unlock/Lock Switch

433-CMU

- **Unlock** when programming
- **Lock** to prevent tampering or loss of programming.

DC Input

433-CMU

To plug the Central Monitor into a wall outlet, use a Smart AC-04 9-Volt AC adaptor.

• Notes

- Low power affects performance. ▱ Symbol indicates that battery is low. Replace batteries when this symbol appears on the Central Monitor.

- There is no ON/OFF switch for the Central Monitor. If you choose not to use the AC-04 AC adaptor to power the Central Monitor and depend on batteries, it is recommended that you remove batteries when the Central Monitor is not in use. When batteries are replaced, all Nurse Call Buttons and other components that were programmed to work with the Central Monitor prior to removing the batteries will still be programmed to work when the batteries are replaced. They will not have to be re-programmed.

- Avoid outside interference. When in programming mode, be sure that no Nurse Call Button or other component that you are not currently programming is active within range of the Central Monitor (for example: do not press the Nurse Call Button, do not separate Exit Alarm). The ▂▃▅ symbol indicates that a component is active within range of the Central Monitor.

- To ensure optimal wireless performance and reduce electrical interference, do not place the Central Monitor close to metal objects or other electronic devices.

- Do not expose the Central Monitor to heat or direct sunlight.

- Avoid dampness and water.

- Numbers flashing across the screen of the Central Monitor indicates that there are no Nurse Call Buttons or other components currently programmed to work with the Central Monitor.

WIRELESS CALL SYSTEM
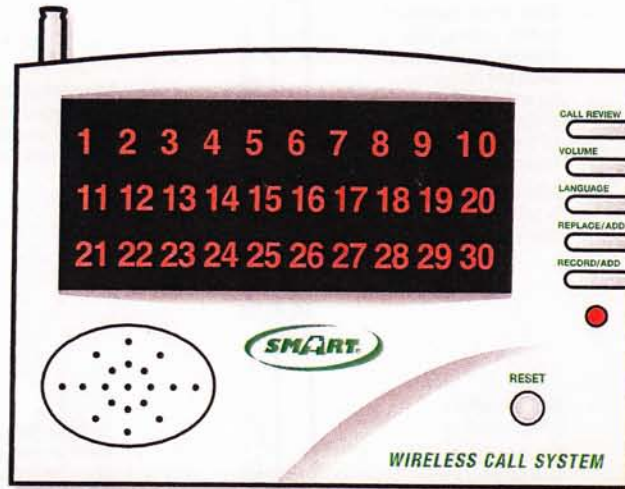
433-CMU Contents:
- **433-CMU Central Monitor**
- **2 Screws**
- **1 Mounting Bracket**

433-CMU Optional Accessories
(sold separately):
- Caregiver Pager without LCD Display (433-PG)
- Caregiver Pager with LCD Display (433-PGD)
- Nurse Call Button (433-NC)
- Wireless Motion Sensor (433-MS)
- Wireless Bed & Chair Fall Alarms (Call for details)
- Exit Contact Switch for Door or Window (433-EXT)
- AC Adapter (AC-04)

Optional Accessories

433-PGD
Caegiver Pocket Pager with LCD Display

433-NC
Wireless Nurse Call Button

433-PG
Caegiver Pocket Pager

Important Information:
30-Channel Receiver, Nurse Call Buttons and Pagers rely on wireless technology which is subject to physical and environmental considerations. These products do not have an out of range function and as such should be tested periodically in the setting in which they are to be used to understand their area of effective operation. Please be aware that the transmitter will not be 100% accurate if it is out of range at anytime. Wireless systems and monitors are intended as an adjunct to good caregiving practices and are not a substitute for proper staffing and patient management practices. We recommend that all personnel receive periodic training in the operation of these systems and that the systems are tested before each use.

Warning: Failure to comply with warning may result in injury or death. This device is not suitable for all individuals. Other devices may be required. This device is not a substitute for visual monitoring by caregiver. The manufacturer does not claim that this device will stop elopement and or stop falls. This device is to help augment caregivers comprehensive resident mobility management program. Test this device before each use. Read the Instructions and Legal Disclaimer.

Seller warrants that the goods sold will be free from defects of workmanship and manufacturing, for a period of one year from the date of sale. Other than this limited warranty, seller makes no express or implied warranties. Except for this limited warranty, NO EXPRESS OR IMPLIED WARRANTIES ARE GIVEN AND NO AFFIRMATION OF SELLER, BY WORDS OR ACTION, WILL CONSTITUTE A WARRANTY. THE GOODS BEING PURCHASED ARE BEING SOLD ON A "WITH ALL FAULTS" BASIS. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE GOODS IS WITH THE BUYER. SHOULD THE GOODS PROVE DEFECTIVE FOLLOWING THEIR PURCHASE, THE BUYER, AND NOT THE MANUFACTURER, DISTRIBUTOR OR RETAILER, ASSUMES THE ENTIRE COST OF ALL NECESSARY INSTALLATION, SERVICING OR REPAIRS.

The Smart Caregiver Corporation 30-Channel Wireless Call System & Nurse Call Paging System are designed to be installed by the end-user. As such, it is the entire responsibility of the buyer to insure that the system is properly installed and tested. Further, the system is not designed to replace good care giving practices including, but not limited to: **a) Direct patient supervision   b) Adequate training for staff personnel for elopement   c) Testing of the system before each use**

WHERE PERMISSIBLE, IT IS THE SELLER'S INTENT TO LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES TO REFUND OF THE PURCHASE PRICE OR REPLACEMENT OF THE GOODS. SELLER DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF THE USE OF THE GOODS.

WARNING: The manufacturer does not claim that this device will stop elopement and or stop falls. This device is to help augment caregivers comprehensive resident mobility management program. This product is to be used by a licensed caregiver only.

SMART

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