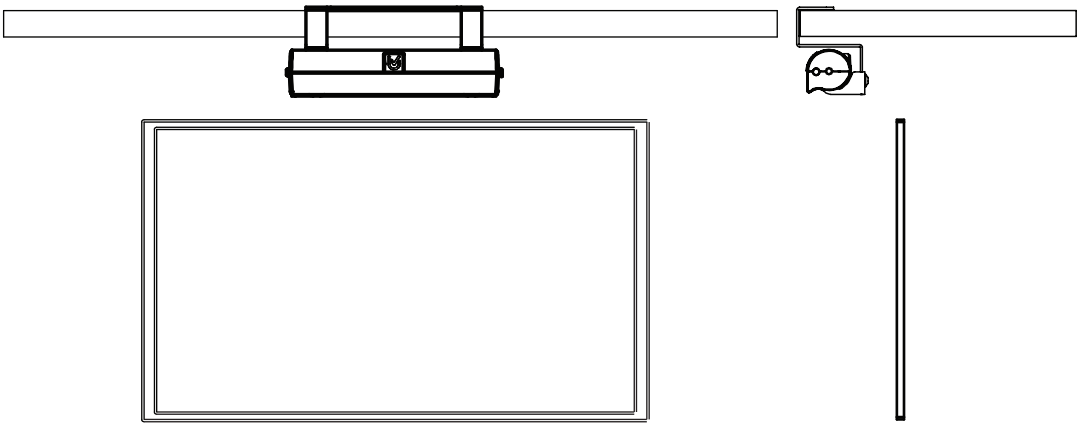
PROXIMITY UV-CLEAN

DISINFECTION MADE EASY

Proximity **UVC-RF**
PRODUCT GUIDE



800-437-8111

proximitysystems.com/uvclean

Proximity Systems 11301 Boudreaux Road | Tomball, Texas 77375

REV H /2021

Proximity **UVC-RF**
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Proximity **UVC-RF**
QUICK GUIDE

Download UV-Clean Audit Software here: https://uvclean.proximitysystems.com/latest-software/

System Requirements

A PC operating Windows 7 or newer.
A USB port, 3.0 or newer if using in place of supplied power adapter.

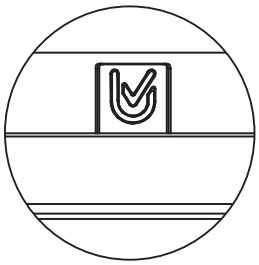
Check List for Quick Set-Up

Attach bracketry according to instructions found in this guide. See contents below.

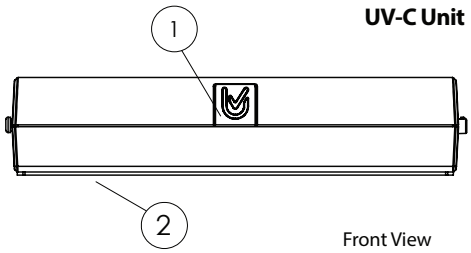
Attach the power cable to the circular jack (4) on the back of the UV-Clean unit.

Power the device by plugging in the opposite end of the power cable to the supplied adapter, or another USB 3.0 device with output power of 900 mA.

Set-up is complete.

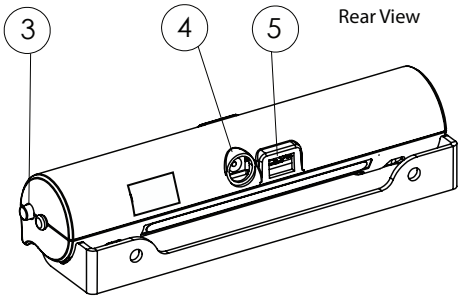


White = On, Stand By | Blue = Cleaning | Blue Blink = Bulb Failure



UV-C Unit

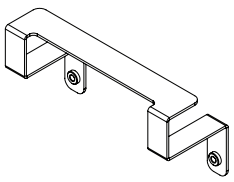
Front View



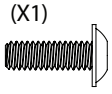
Rear View

1. Status Indicator	2. Motion Sensor	3. Push Button For Task Light	4. Power Receptacle	5. Micro-USB Data Receptacle
White = On, Stand By Blue = Cleaning Blue Blink = Bulb Failure	Detection for UV auto shut-off feature	Control the on/off of the LED task Light	DC 5V supply included, 5mm jack	Retrieve cleaning cycle information stored internally

Bracket

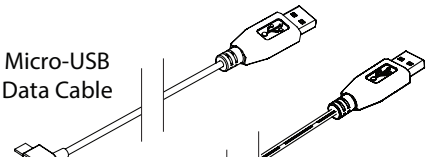


Long Screw (X1)



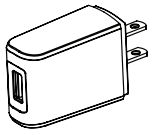
Short Screw (X1)

Micro-USB Data Cable



5mm , USB-A Power Cable

DC 5V Power Supply



3/32" Allen Key

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SAFETY & DISPOSAL

Appropriate use of this product is expected and is the responsibility of the purchaser of this product.
This product uses UV-C light. Eyes and skin should be kept from exposure.
Eye inflammation and skin irritation can occur from prolonged exposure. For sensitive skin, burns may occur.
Do not touch the glass UV bulb surface. Fingerprints create a barrier and reduce UV ability.

Do not use this device on people, food, or pets.
Keep out of Reach of Children. This product is not a toy.
Do not attempt to disassemble this product. Nor is it serviceable. Warranty will be void.
This UV bulb contains mercury in very small amounts. Precautions should be used to prevent breakage.
Mercury may cause injury if swallowed and is known to cause reproductive harm.
Dispose of this product responsibly per regulations.
Do not expose this product to water, liquids or moisture. Electricity is present.
UV-C can discolor materials such as plastic and fabric over a period of time.

UV Bulb

Breakage: All visible bulb components should be cautiously swept into a sealable bag, box or jar and taken outdoors.
Caution: The UV bulb contains a very small amount of mercury.
As suggested by the EPA, do not vacuum up broken glass unless it is the only remaining debris. The same steps used to clean-up common CFL's may be used for this UV bulb.
As listed here: https://www.epa.gov/cfl/cleaning-broken-cfl

Recycling may be an option in your area. *www.lamprecycle.org/state-local-laws*
When done, this prevents mercury from entering the environment and reuse of glass, and metal is possible.

Refuse collection can be handled by commercial waste contractors, municipalities, or other local household waste programs.

Internal Clock Battery

Battery disposal is controlled by law and requires proper action.

Recycling and Refuse collection can be handled by commercial waste contractors, municipalities, or other local household waste programs.

Resources

Locate centers near you: *search.earth911.com* *www.lamprecycle.org*

EPA *www.epa.gov* *batteryresponsibility.org/battery-recycling*
Federal Universal Waste Rule

Maintenance

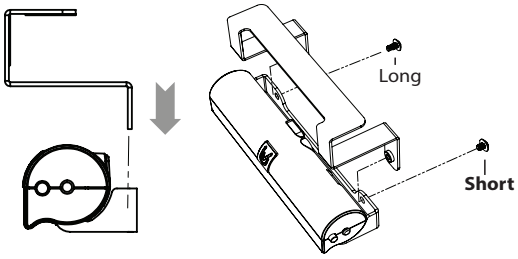
Do not attempt to service this product. Contact customer service at Proximity Systems for guidance.
Do not subject the bulb to fingerprints, solvents or abrasion.
Cleaning the bulb with a damp cloth or lens tissue is advised when the unit is not plugged in and the device is at room temperature only.

Environmental Conditions for Operation

Designed For
1. Commercial, Indoor use only
2. Altitude up to 3050m
3. Working temperature: 20 - 27 degrees C (68-80 deg F). Humidity 20-90% (non-condensing).
   Storage temperature: 15 - 55 degrees C (59-130 deg F). Humidity <85% (non-condensing).

Proximity **UVC-RF**
SET-UP

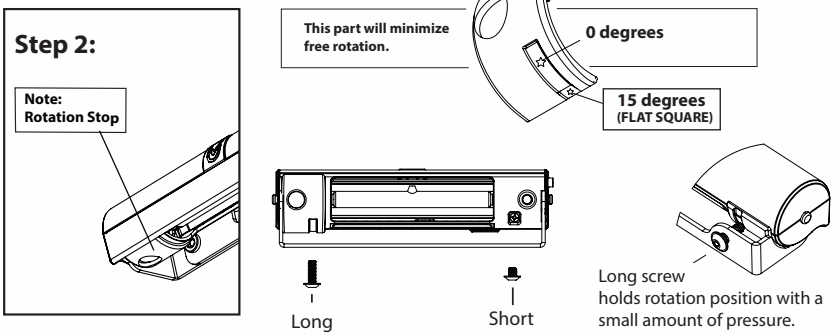
Step 1:
Locate Bracket and place in rear position.



Attach the bracket with included screws.

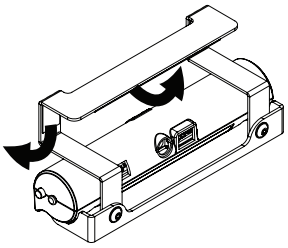
Step 2:

Note:
Rotation Stop

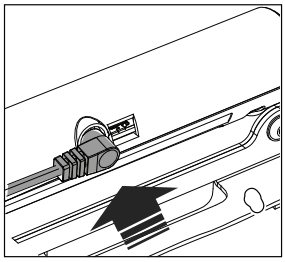


Step 3:

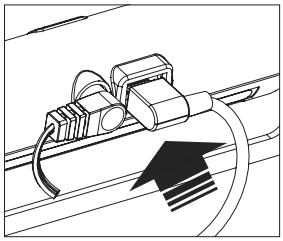
Two sided adhesive is preinstalled.
Remove the adhesive paper.



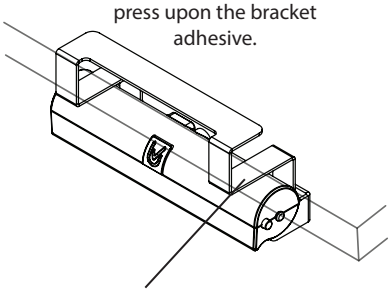
Step 4: Plug In Power.



Optional: Plug in micro USB data cable. For data transfer to PC.



Step 4: Mount the unit and press upon the bracket adhesive.

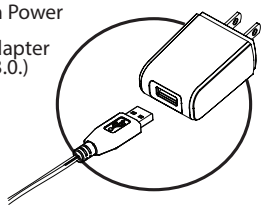


Gap is acceptable under the shelf, between the bracket.
Fits shelves up to 1" Thick.

Step 5:

Plug In Power

(supplied adapter or a USB 3.0.)



Power is on.

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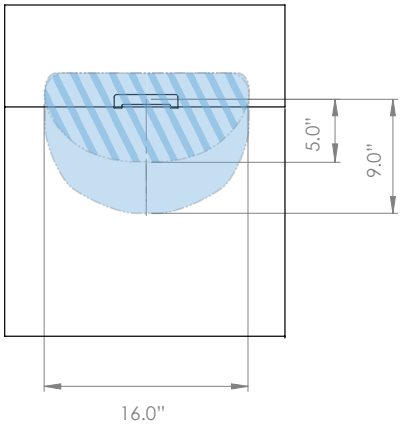
Proximity **UVC-RF**
HOW IT WORKS

Disinfection

When positioned and plugged into power, your UV-Clean device will begin working. It has **pre-set operation times.**

Cleaning cycles operate autonomously throughout the life of the product. Motion-sensor technology pauses cleaning cycles and relays the need to run a cleaning cycle when people come and go.



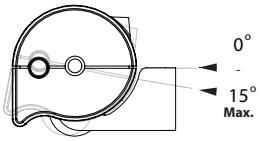
Operation Timing

Clean Time: The period of time the device is producing UV-C. Factory set to 5 minutes.

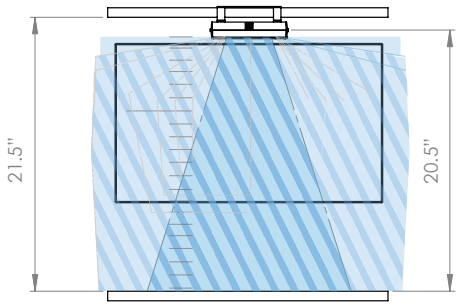
No Motion Time: The length of time the device will allow to pass before producing UV-C after the motion sensor has communicated an absence of movement. Factory set to 4 minutes.

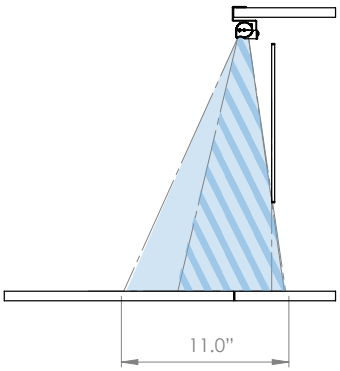
Wait Time: Downtime scheduled between cleaning cycles that are unrelated to motion sensor activity. Factory set to 60 minutes.

Rotational Adjustment for Tilt

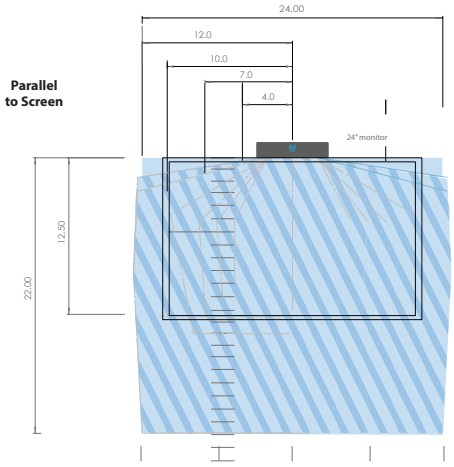


Surface Area Perpendicular to Screen





Parallel to Screen



Disinfection or reduction requires the light to be in contact with the surface for at least 5 minutes initially, and then provides continual reduction if allowed to remain on with regular disinfection cycles, except when motion is detected.

Independent product testing was performed by NSF International Labs, July, 2019. A full report can be downloaded at: https://proximitysystems.com/wp-content/uploads/2019/07/NSF-Results.pdf

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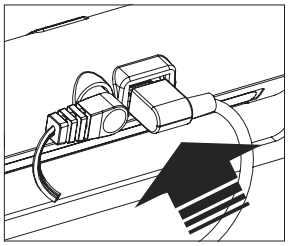
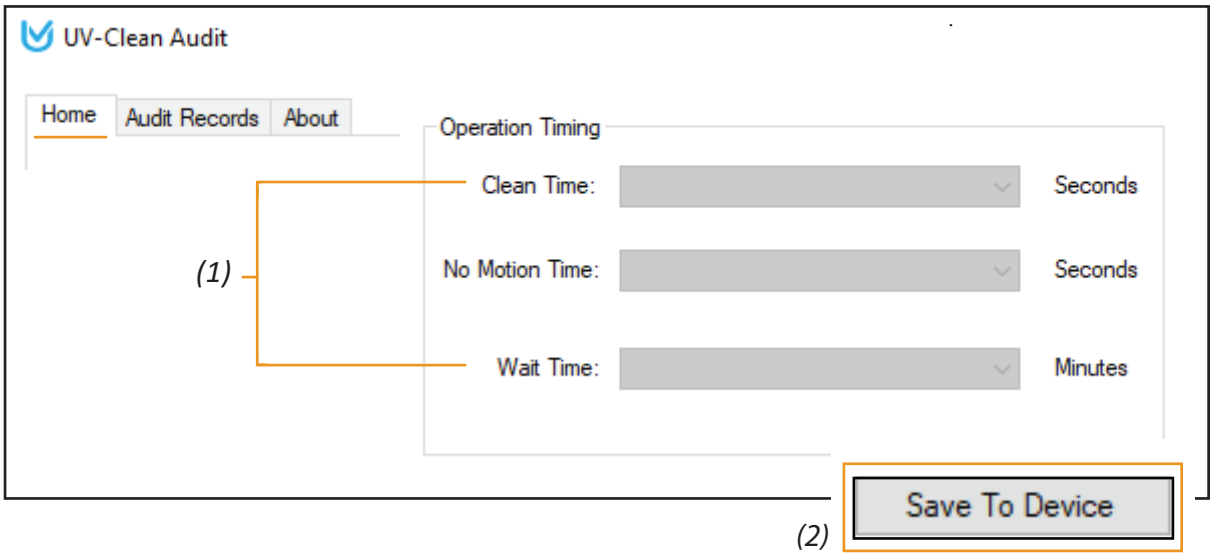
Data Retrieval and Making Changes

Follow direction below if data retrieval from the device is needed or changes to the device pre-set times is needed. Product is set to factory settings. Factory settings are for low traffic areas and disinfection is accomplished via cumulative cycles when the user has stepped away from the unit. if the product is used in a high traffic area or you notice the unit is not cycling as often as you would like you can change these settings or contact your reseller or Proximity for recommended settings based on your application.



Required: Plug in micro USB data cable. For data transfer to PC.

Downloaded software from the product website is also required.



Clean Time: The period of time the device is producing UV-C.

No Motion Time: The length of time the device will allow to pass before producing UV-C after the motion sensor has communicated an absence of movement. Suggested for high traffic areas, mobile carts, and personal desks is 240 or 300 seconds.

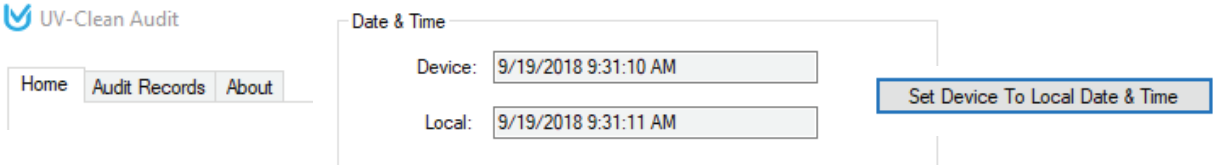
Wait Time: Downtime scheduled between cleaning cycles that are unrelated to motion sensor activity.

After changes are made (1) you must mouse over and click the *Save to Device* button (2).

Date & Time

Set the Device to your local time by mousing over and clicking the *Set Device To Local Date & Time* button

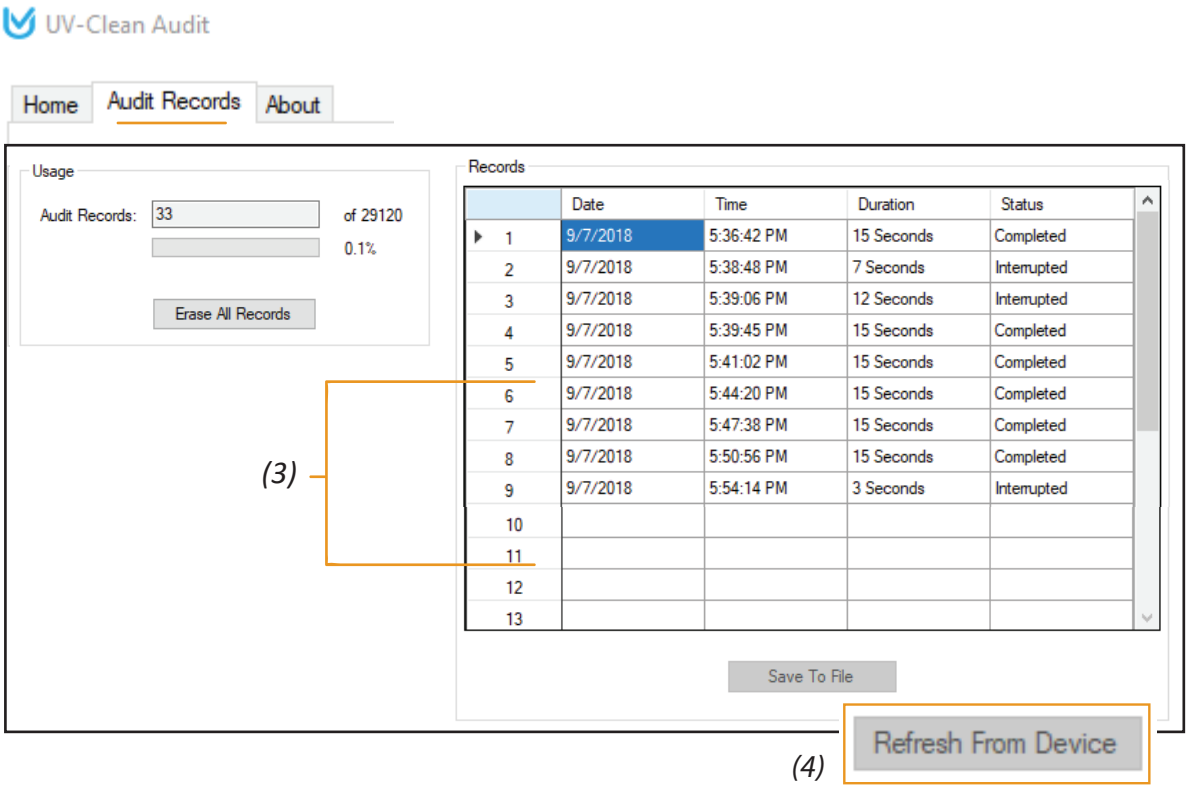
located on the *Home* tab.



Records

Automatically, a record of cleaning events is kept.

The **Usage** area under the **Audit Records tab** lists the number of records stored. Also, the percentage of the devices memory that the records have filled. When 100% of the memory has been used the device will automatically delete the oldest record in order to continue to store the latest data.



Audit Records: Each logged event for the UV-Clean performing a cleaning function.

Erase All Records This will permanently eliminate the logged events stored within the UV-Clean device memory.

Save to File: This will export the cleaning data to a .csv file for use on a PC. The following information is included:

- Date
- Time
- Duration : The length of *clean time (page 4)*.
- Status: The UV-Clean device's function for the logged event.
  - *Completed* : Clean cycle ran duration of clean time setting
  - *Interrupted* : Motion detected during clean cycle and paused
  - *Bulb Failure*: The UV light did not produce UV during the event

If the table (3) is blank, mouse over and click the *Refresh From Device* button (4). Located bottom, right of Module.

Proximity **UVC-RF**
WARRANTY TERMS

Limited Warranty

Proximity System, Inc (hereafter referred to as 'Proximity') warrants its manufactured products to be free of defects in materials and workmanship under normal use and service to the original purchase for one (1) year from the date of purchase. Unauthorized modifications or alteration of the product, improper installation, and failures from inadequate inspection, maintenance or abuse of the products will void this warranty. If any Proximity manufactured product is or becomes defective during the warranty period, Proximity will, at this option, either repair, exchange or replace defective unit. The purchaser should contact our Service Department for service. Proximity reserves the right to make design changes in manufactured products built and/or sold by them at any time without incurring any obligation to make the same or similar changes to previously designed/built and delivered units. Proximity reserves the right to change for replacement warranted parts or those parts which are found to have failed due to unauthorized modification or alteration of the product, improper installation, inadequate inspection or maintenance, damage in transit, or abuse of the product. Photos and or additional information may be requested to identify defective parts. Proximity reserves the right to make modifications and improvements to products that may create slight differences in the manual descriptions and illustrations.

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Proximity Systems, Inc

11301 Boudreaux Rd.

Tomball, TX 77675-7431

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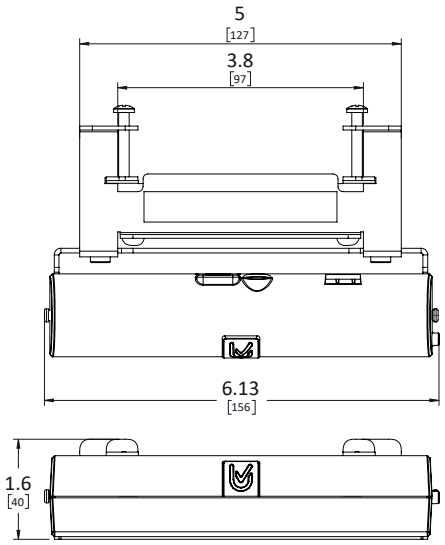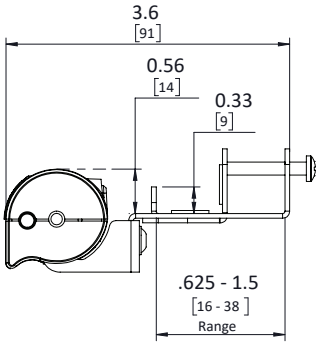
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