

# CVGO Documentation

1, I cannot responsible for any loss if you used my product, I can only return partial fees. It is basically a high-tech cheat, take your own risk. Well actually it is ***much safer than those cheats which read/write memory***, even safer with an external hardware called **KMBOX**, which is likely a simple **Arduino + USB Host Shield**. Difference is that **KMBOX-A** uses **HID communication** while **Arduino** mainly uses **serial communication**. In some forums there were rumors said that serial communication will be detected in the future.

2, It is always welcome to provide suggestions and bug reports.

3, You need to download GHUB driver and read instructions from [https://www.reddit.com/r/LogitechG/comments/ltovos/how\\_to\\_install\\_old\\_github\\_works\\_no\\_auto\\_update/](https://www.reddit.com/r/LogitechG/comments/ltovos/how_to_install_old_github_works_no_auto_update/), or you can choose to purchase the external hardware KMBOX at <https://world.taobao.com/item/660461663989.htm>, easier if you got friends who understand Chinese. Another website I found is here: <https://www.superbuy.com/en/page/buy/?url=https%3A%2F%2Fworld.taobao.com%2Fitem%2F660461663989.htm%3Fspm%3Da21wu.11804641-tw.shop-content.1&nTag=Agent-product-search&from=search-input&search=url&position=5>, BUT I AM NOT SURE IF THIS SITE IS SAFE.

## Common Questions:

- Why my mouse move is swinging/stuttering/shaking/circling/trying to draw waves?

Your move speed value (moving factor) is too high, set to half of its value and retry. Double check if you tested your turn around data, which by default is **5000** but actually it is different for different games/mouse settings.

- Why sometimes it is moving to places where there is no target?
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Well, false detection. I will constantly improve the precision of model.

- Why I am always aiming my teammates?

Since it does not read memory, and I have not set different classes for allies and enemies, the only way to bypass this is acting or solo.

- Is it safe on FACEIT/VANGUARD/STEAM/other platform I am playing?

I have not tested them all, theoretically it is much safer than memory cheat. Also, since I can handle only 100 customers, which means there could only be 15-ish players tops who are using the same platform and server as you do. Be a good actor/actress and you are good to go.

- Will you update/maintain this frequently?

Yes, at least once a week.

- Will you cheat on us by making memory cheats but use the name of AI cheats since it only use a little resource?

..... I have nothing to say but thanks to Microsoft, now we can inference models using much less resource, the technology is named DirectML .....

- You are such a programmer, can you use technology to do something better instead of making this f\*\*king d\*\*n cheat for those f\*\*king cheaters?

..... Bro, I only want to pay back my student loan ..... If you have time to blame me, you have time to provide help for those people who really need it. What's important is never what you said, it is what you did.

- Is there any safer way to run this program?

I can provide a way that you can run from source code (which will be more expensive since I need to purchase service to encrypt my source code), since python.exe is a signed process, many of those anti-cheat could ignore it. But there is also a risk that some anti-cheat might just block the execution of python.exe. The safest method I know is to run program on one computer and play your game on another one, using video capture card and hardware which can synchronizing mouse actions between 2 computers (which will cost A LOT), or using remote control software like Parsec or Moonlight (which might meet other issues).

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## 4, Principles:

**Screenshot** -> **Detections** -> **Controls your mouse**

- 1) **Screenshot**: Using GDI+ or DXGI to screenshot part of your screen, where should be right around your crosshair.
- 2) **Detections**: Using object detection architecture to detect targets in the screenshot, label the positions of targets and calculate the distance to the most dangerous one.
- 3) **Controls your mouse**: Using calculated data to move cursor with algorithms and take fire if required.

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## 5, How To Use:



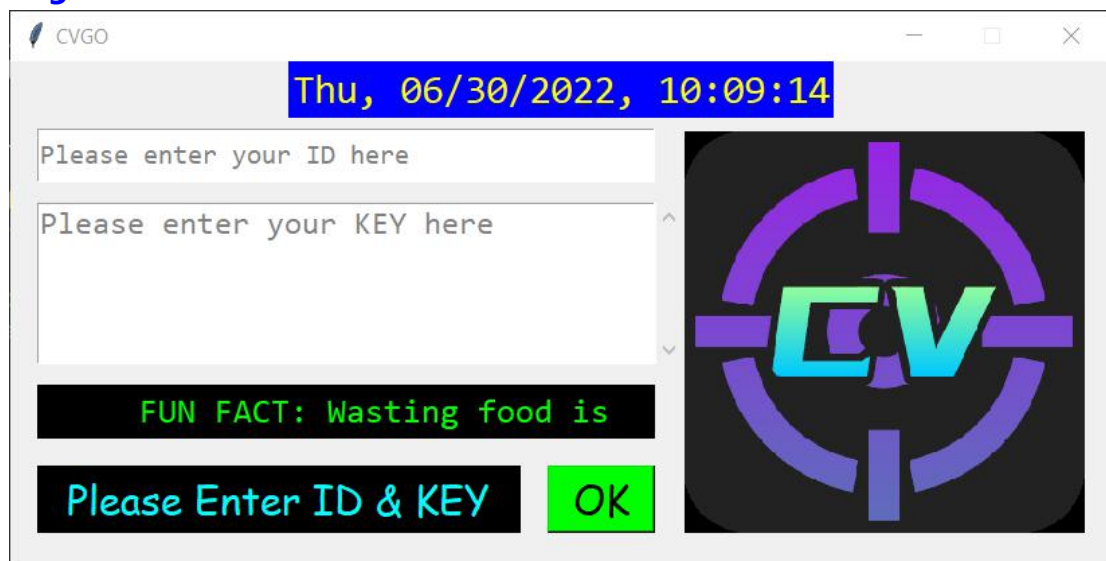
Double click exe file with this icon to start program  
You are recommended to rename this to whatever you feel comfortable after double clicked it once.  
You are recommended to move the whole program folder to a deeper path.

- Downgrade your graphic settings in game if necessary.
- If you want to play full screen, use "Fullscreen Windowed" mode in game, or disable UHD/HUD settings in Crossfire.
- Hold "SPACE" key for over 3 seconds in game to re-adapt since some games doesn't have a "Fullscreen Windowed" mode, and they could change overall resolution (ex: from 2k -> 1080P).
- Hold "RIGHT CONTROL" key for over 3 seconds in game to modify FOV and PID values.
- Follow simple instructions from pop-up windows to select appropriate options or enter appropriate contents.
- For windowed mode games, make it active by clicking on its user interface once (common games will be automatically detected)

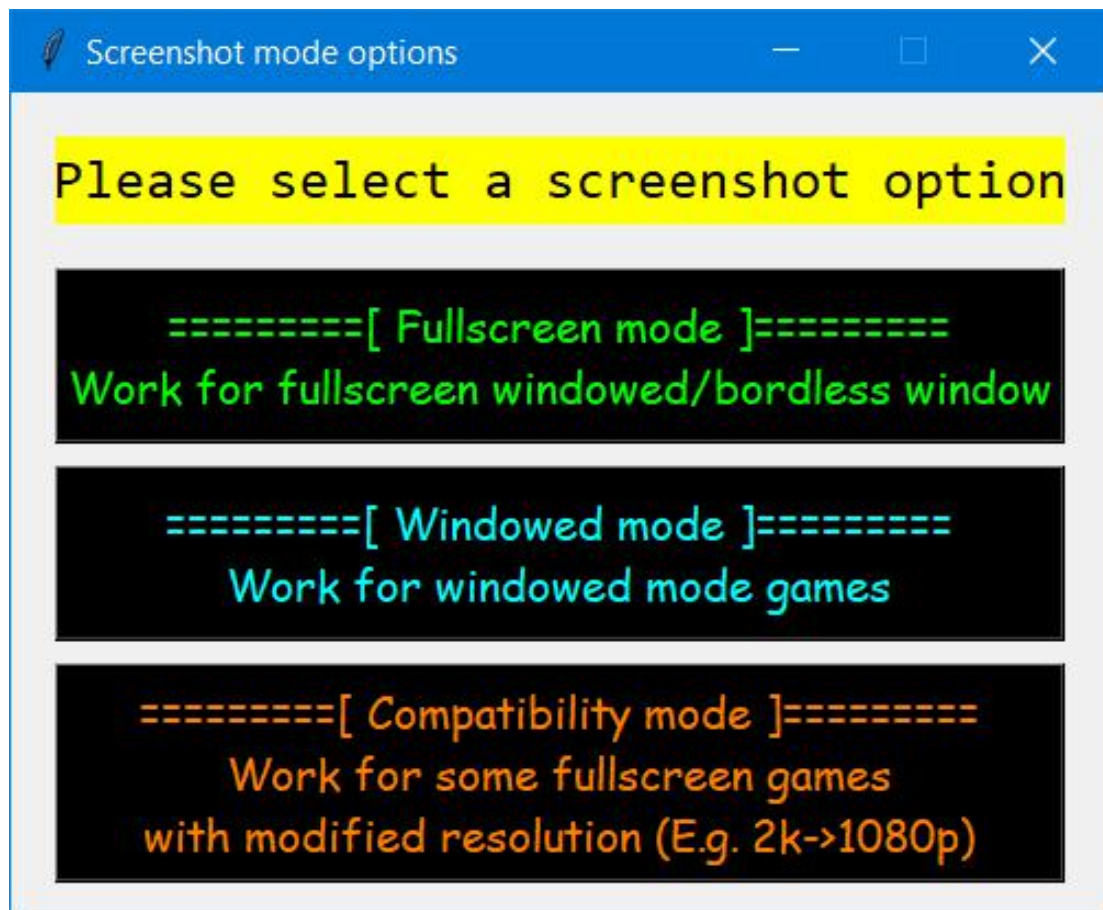
- Test your own move around value by using turn\_around.exe and follow the instructions. This is used to adapt for accuracy of mouse movements.

## 6, GUI:

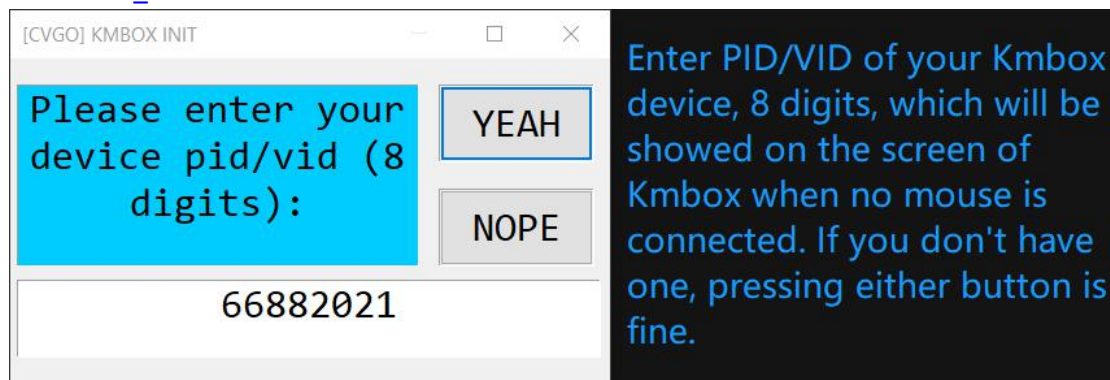
### Login window:



### Full screen confirmation window:




#### KMBOX\_A window:



OLD GUI Interface: (might change but basic design logic remains)

F1	~~~~~ Aiming at [ Auto ]	→ Change aiming position, head or body. Auto means it will decide automatically.
F2	~~~~~ Aiming key [ L_Shift ]	→ Change hotkeys for aiming. XButton1 & 2 refers to the side button of your mouse.
F3	~~~~~ Firing status [ Manual ]	→ Auto-fire or not. Semi mode means if you press hotkey, it will do both aiming and shooting.
F4	~~~~~ Aiming status [ Manual ]	→ Auto-aiming or not. Not recommended if there are teammates.
F5	~~~~~ CVGO status [ Working ]	→ Main switch.
F6	~~~~~ Shoot mode [ Rifle ]	→ Switch between rifle mode or snipe mode. Snipe mode detect specific crosshair and will not work if you are using rifle.
=====		
Up / Down	..... Aim speed : 2.15	→ Modify mouse move speed. Too fast or too slow is not recommended.
Left/Right	Aim Range : 1.00	→ Modify mouse move range. Pro players might need to set the value to less than 1 to avoid being kicked.
Plus/Minus	..... Recoilless: 0.97	→ Modify recoil control. Guns like AK47 will need higher value while guns like M4A1 will need lower.
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Home	~~~~~ Display Menu	
Ins	~~~~~ Hide Menu	
End	~~~~~ Exit CVGO	
FPS = 692.18      RPS = 07.2		

## NEW GUI (DARK):




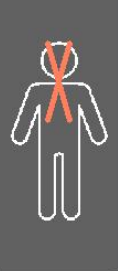
Resume/Pause

Hide window

Exit program

Appearance Mode:

Dark

Aim Speed 1.00

Aim Range 1.00

No Recoil 1.00

Combating modes:

☒ Rifle mode
 ☐ Snipe mode

Aiming function:

Auto-pos

Just Aim

Trigger hotkeys:

RButton

Real time stats:

FPS: 60.02

CPS: 03.02

Anti-screenshot

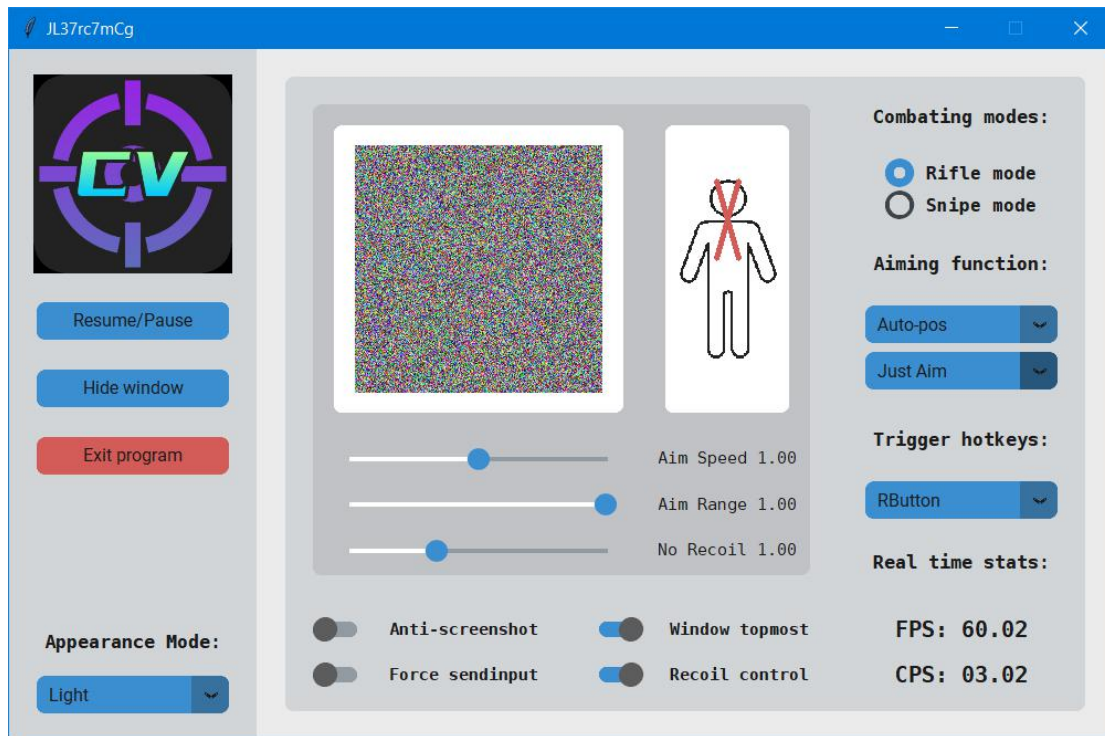
Force sendinput

Window topmost

Recoil control

## NEW GUI (LIGHT):





## CMD Window:

```

10:09:00      [!] AMD Driver not found! Ignore if you are Nvidia user
10:09:00      [+] Please enjoy my program
10:09:00      [+] Welcome! User [ MattL ], and your device [ DESKTOP-245VQNI ]
10:09:00      [+] Greedings! People from Roswell! (Info from ipinfo.io)
10:09:00      [+] Better GPU, better FPS & mAP
10:09:00      [+] Hello user: test 001
10:09:00      [+] End time: 2022-07-28 01:02:52.214
10:09:00      [+] Window position x, y, w, h :
10:09:00      [+] 0, 0, 1920, 1080
10:09:00      [+] NVIDIA GeForce GTX 1660 Ti with Max-Q Design
10:09:00      [+] You got nice GPU
10:10:00      [+] Mouse simulation status: True 1
10:09:00      [+] Adapting.....
10:09:00      [+] 0.024993896484375, 0.0076209306716918945
10:09:00      [+] Infer ready
10:09:00      [+] Good to go 00 01 10 11
10:09:00      [+] Window readapted for FPS normal
10:09:00      [+] Updating config.....
10:09:00      [+] Terminating processes.....

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