

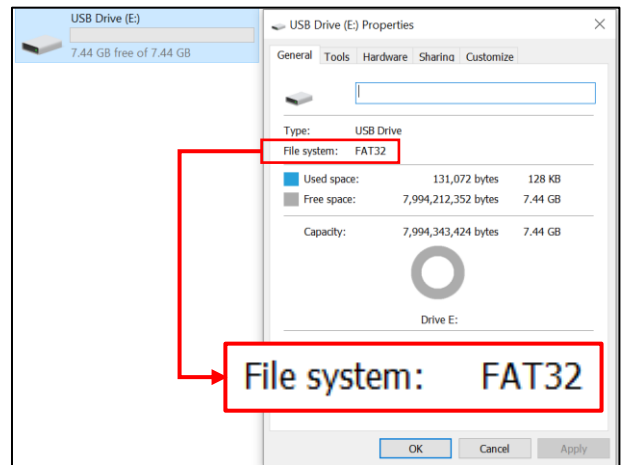


MDSM-22S

Configuring the system settings guide



1. Checking the micro SD Card Format



1-1. Insert the microSD Card.

Insert the microSD card into your laptop's card reader.

1-2. Accessing Properties.

Right-click on the microSD card icon and select "Properties."

1-3. Verify Format.

In the Properties window, navigate to the "General" tab. Look for the "File System" information. Ensure that the format is set to "FAT32."

※Note: We highly recommend using SD cards from Movon that has passed quality tests, and we can't guarantee against any issues that may arise from using other SD cards.

2. Creating a Configuration File with Notepad

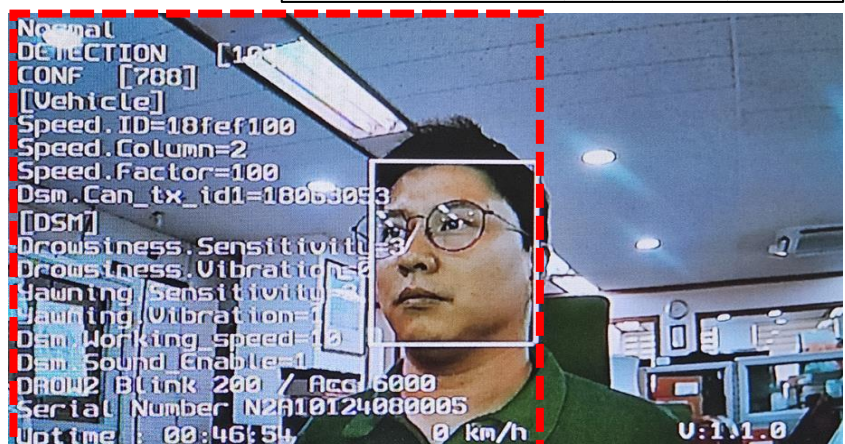
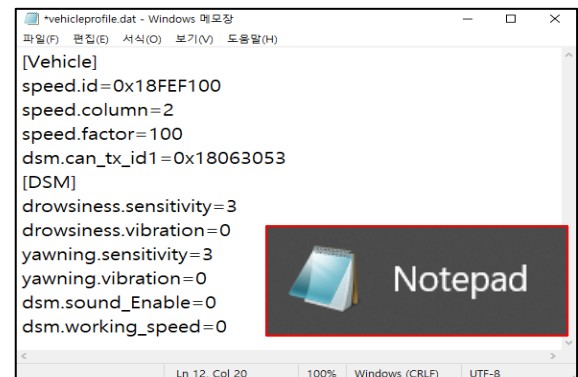
2-1. Open Notepad.

Open the 'Notepad' program on your computer.

2-2. Copy Configuration Settings.

Copy the configuration settings message below:

```
[Vehicle]
speed.id=0x18FEF100
speed.column=2
speed.factor=100
dsm.can_tx_id1=0x18063053
[DSM]
drowsiness.sensitivity=3
drowsiness.vibration=0
yawning.sensitivity=3
yawning.vibration=0
dsm.sound_Enable=0
dsm.working_speed=0
```

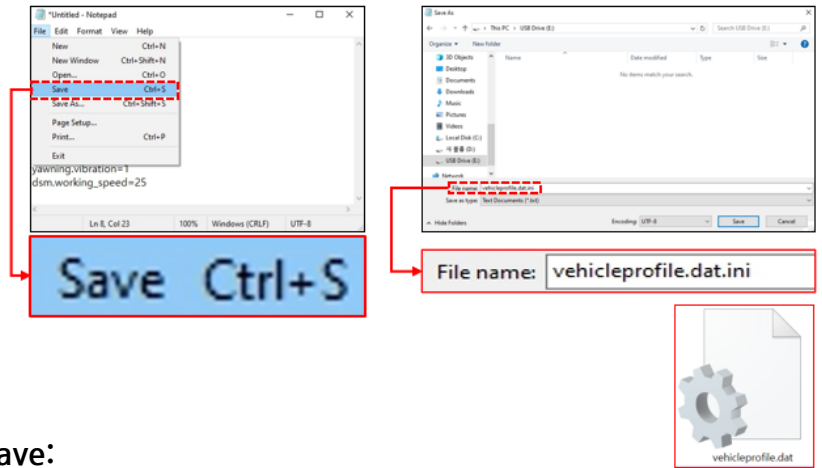


2-3. Paste into Notepad:

Paste the copied configuration settings into the Notepad window.

2-4. Save Configuration File:

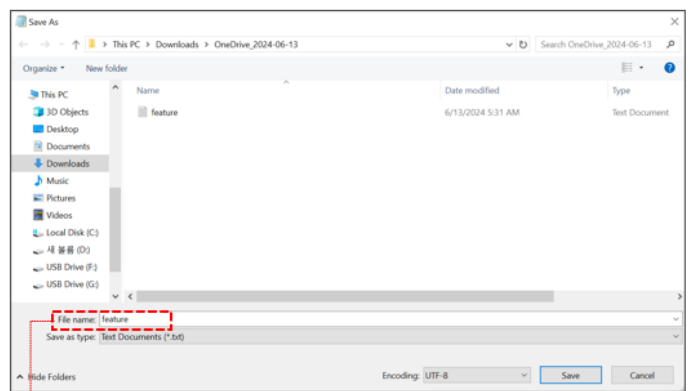
- Click on **"File"** in the top-left corner.
- Select **"Save As"**
- Choose a location to save the file.
- Enter a filename with the extension ".ini" (e.g., **"vehicleprofile.dat.ini"**).
- Ensure the "Save as type" is set to "All Files."
- Click **"Save."**



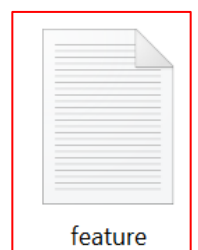
2-5. Copy UUID Settings and save:

When setting up a configuration file, there should be a UUID for the Config setting in the feature.txt" file. The Config UUID is **"5fb1f14f-ed0b-41fd-a93d-d27742a8d1e3"**.

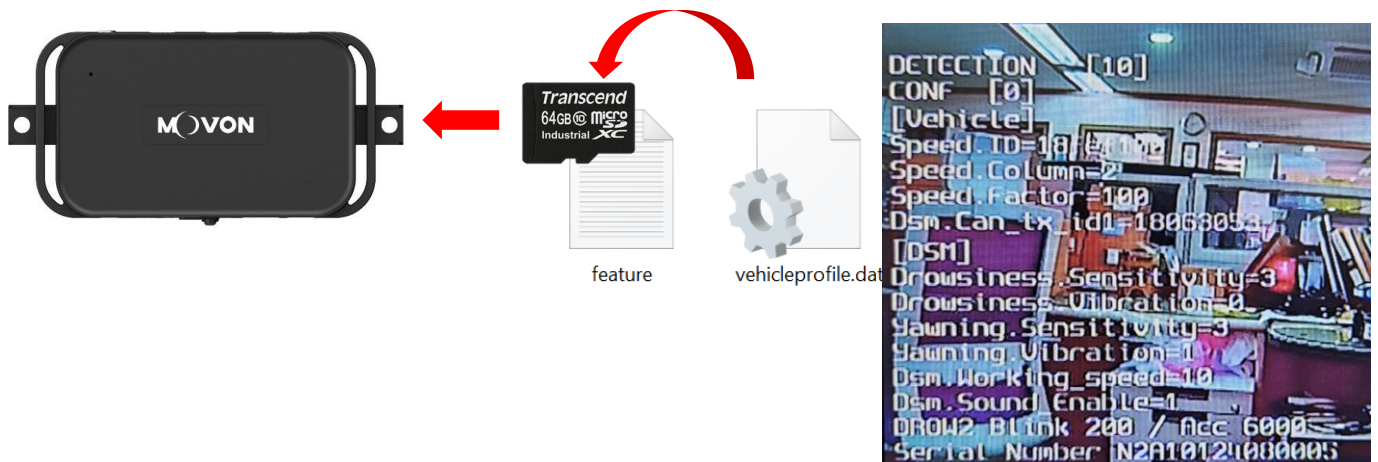
The feature.txt file is required for security reasons, so you should have both the feature.txt file and the vehicleprofile.dat.ini file on the SD card when you set it up. The Config UUID should not be leaked to the outside, but it can be shared with OEM companies.



File name: feature



3. Insert the micro SD card with "*vehicleprofile.dat.ini*" and "*feature.txt*" into the PCI BOX.



To apply the settings, insert the micro SD card into the PCI BOX with the power turned off. After that, power on the system.

You can verify the applied Configuration settings of MDSM-22S through the video output monitor.

4. Details of *configuration setting*.

Contents	Details
speed.ID	CAN IDs.
speed.Column	Column value.
speed.factor	Ensure not to modify the "speed.factor" value.
dsm.can_tx_id1	For passenger " <u>0x630</u> " "For trucks and buses " <u>0x18063053</u> "
drowsiness.sensitivity	1 (Low) / 2 (Normal) / 3 (Sensitive)
drowsiness.vibration	0 (Off) / 1 (On)
yawning.sensitivity	1 (Low) / 2 (Normal) / 3 (Sensitive)
yawning.vibration	0 (Off) / 1 (On)
dsm.sound_Enable	0 (Off) / 1 (On)
dsm.working_speed	It means function active speed.

Consult the sample configuration settings for section 2-2.