

Quick Installation Instructions

for Automotive AI Thermal Imaging Night Vision System

- System accessories installation system diagram (universal)



notes:

- 1.CVBS and USB video synchronization output, please connect according to your needs.
- 2.If using a car cigarette lighter for power supply, please connect ACC and BAT+together to the positive pole of the power supply.

- Camera installation location

Due to the inability of far-infrared thermal radiation to penetrate glass, the camera needs to be installed outside the car and inside the grille of the front bumper.



- Installation position of algorithm control box

Can be placed inside the car center console or at the glove box of the passenger seat

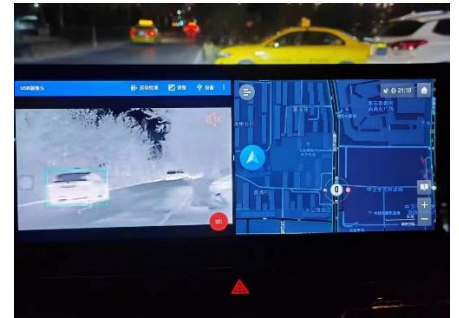
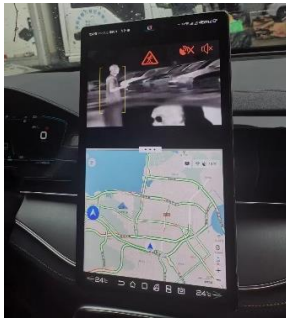
- Control box power supply

It is recommended to power up from the power box inside the car, and the power light is on at the type-c port on the rear side of the power supply correctly. If the car cigarette lighter is powered on, the brown ACC wire and the red regular wire should be connected together to the positive side of the car cigarette lighter power supply, and the black wire should be connected to the ground of the car cigarette lighter power supply (the car cigarette lighter needs to have a 12V output).

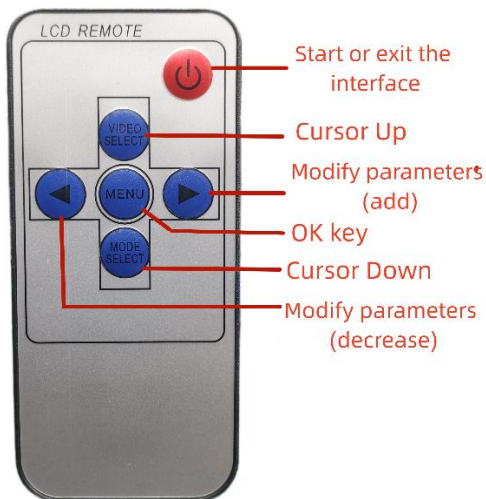


● Video output

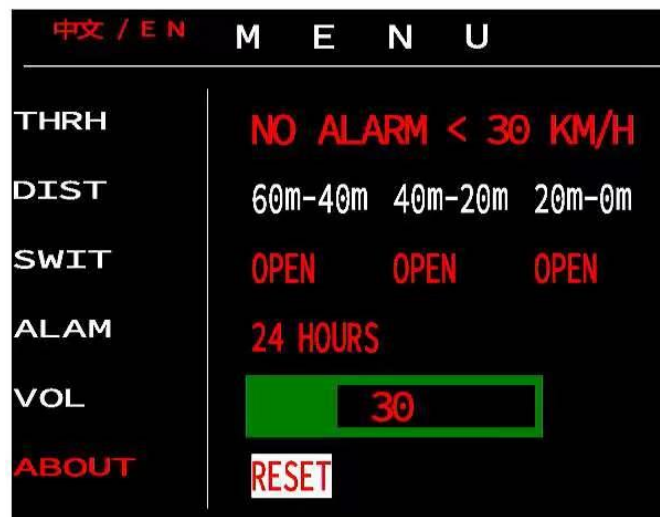
Please connect the monitor or other terminals as needed, and the default ACC power system will start working.



● Warning settings (camera screen required)



control function diagram



Set Page

- Warning activation speed description: The speed range can be set (0-80km/h). When the speed is lower than the set value, the horn warning will not be activated (GPS signal is required). If set to 0, it is in sentry mode, and it is not related to GPS. The system detects a person and issues a horn alarm within the warning distance.
- Warning time: optional at night or all day (automatically calculating the day night transition time based on local longitude and latitude data. If the warning speed is set to 0, it defaults to an all day alarm).
- Volume: Set the alert volume.
- Restore default: The default warning speed is 30km/h, all 3 warning distances are on, the warning time is all day, and the volume is 30.