

Main functions:

3. **DSM** [Driver State Monitor]: give reminder to driver, send event data and even evidence to platform for behaviors like: fatigue driving (eye close, yawning), distraction, smoking, making a call, etc.

4. **Facial recognition**: recognize driver for checking attendance and avoiding unauthorized/certificated driver to take the drive.

5. **ADAS** [Advanced Driving Assistant System]: Support FCW(Forward collision warning), HWM(Headway monitoring), LDW(Lane departure warning), etc.

6. Integrated high-sensitivity 1MIC, 1ch audio input to optional recording and intercom ; integrated 1 speaker,

TTS audio broadcast and efficient warning prompts.

7. Built-in G-SENSOR module, realize automatic alarm upload of abnormal vibration, rollover, impact and sudden braking

8. Support GPS/BD tracking module to realize the management of speed, position, time and route.

9. Support positioning module abnormality and antenna abnormality alarm

10. Integrated **4G, WIFI module**, for remote monitoring management and system configuration, maintenance.

11. Support multiple platforms, **web** and **app** for monitoring at any time, anywhere.

*BSD function and Driver physiological state detection are under development

12. ***BSD** [Blind Spot Detection]: Detection pedestrian, bicycler or motorcycle the blind area of HGV.

13. ***Driver physiological state detection**: High accurate mode for fatigue driving detection. Adopts physiological detection radar to monitor driver's heartbeats and breathe without contact. Can give early alarm to

abnormal body state of driver to avoid serious accidents.