

► JOYNEXT Data Storage System for Automated Driving

An autonomous driving data storage system with compliance, controllable costs and high scalability

► Technical Details

- **Compliance:**
Fully compliant with the national standard - "Intelligent and Connected Vehicle-Data Storage System for Automated Driving"
- **Self-control and autonomy:**
Build on the mature Chinese chipset which base on the mature 28nm processes; hardware solution for the China commercial cryptography algorithms
- **Cost advantage:**
Support multiple vendors' solution; Single SoC approach; Support raw video streaming and hardware codec

► Features

- Full set of data record with the national standards, including video content and CAN data, 15S+5S buffer around the event (Type I)
- Extendable to support the continuous recording mode (Type II)
- Video and CAN data can be accessed through the front-end web page, and filter function is supported for CAN data

► Applications

- Commercialization of high-level autonomous driving
- A standalone system equipped on an automated driving(L3-L5) vehicle which monitors, collects, records, and stores related data when ADS engages



Hardware diagram of JOYNEXT Data Storage System for Automated Driving