Smart Power, Eco Driving, Risk Control in One Click for Future-proofed Fleet Management with Fleet Management System

Automotive Solution

The urban transportation system might be a massive and complex cobweb, especially in the current situation where the contradiction between traffic supply and demand becoming increasingly prominent. Therefore, how to improve the efficiency of the entire transportation system and the quality of residents' travel is a challenge for transportation departments, researchers and engineers. How to integrate the new generation of perception technology, AI technology, communication technology, mobile Internet services, intelligent networked vehicle technology, etc. in the transportation industry is a full swing issue everywhere.

Askey Automotive Solution integrates Askey iDVR for fleet management solution and 5G V2X OBU/RSU. With installation of RSU in bus stations, OBU & iDVR on vehicles/buses, and the dashboard located in ITS traffic offices, it supports to monitor and record data, bus locations, and waiting passenger flows.

Backend Management Dashboard

Askey Fleet Management

5G V2X OBU/RSU and iDVR with ITS system

Automotive Solution

Askey Automotive Solution supports Department of Transportation as follows:
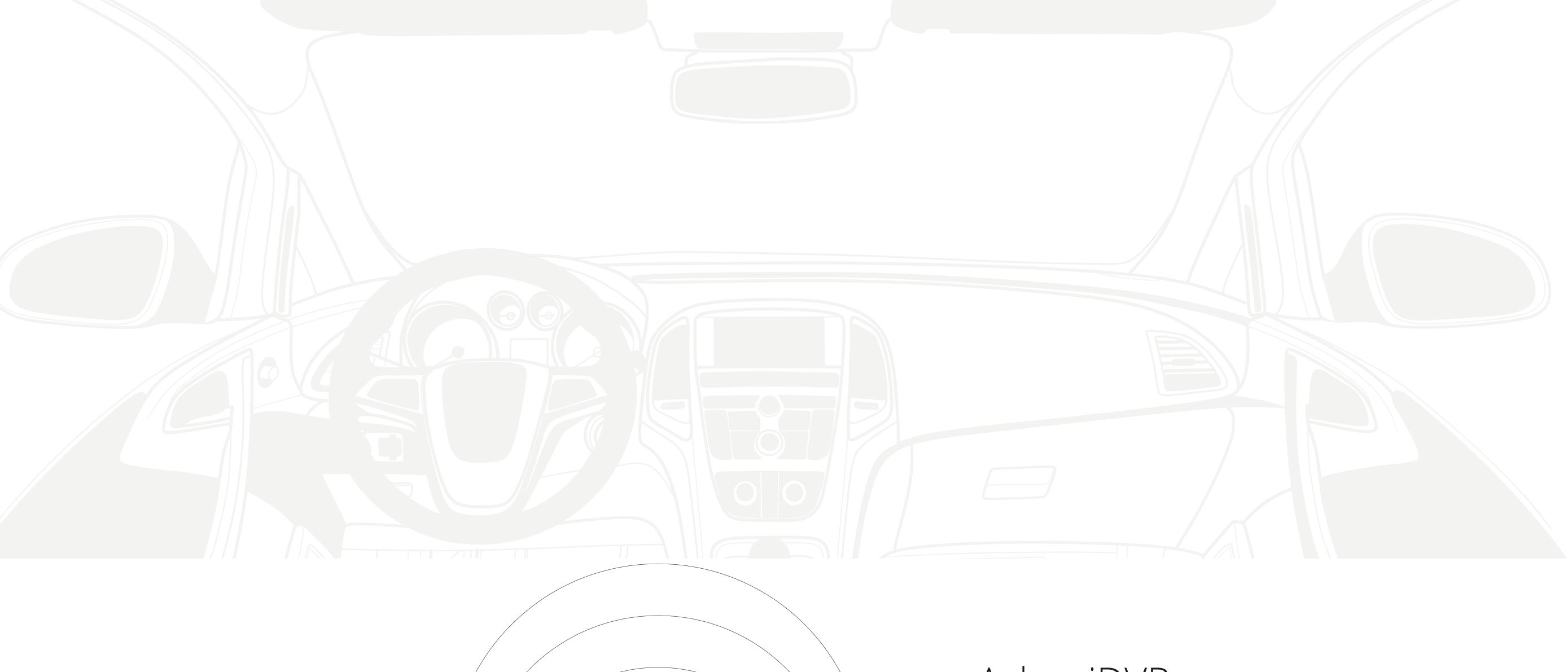
· **Traffic Analysis**
  Build-in dash cam auto recording
  Push notifications
  Roadside traffic flows

· **Self-control Status and Smart Driving**
  Dash cam index for quick reference
  Analysis of vehicle arrival and departure
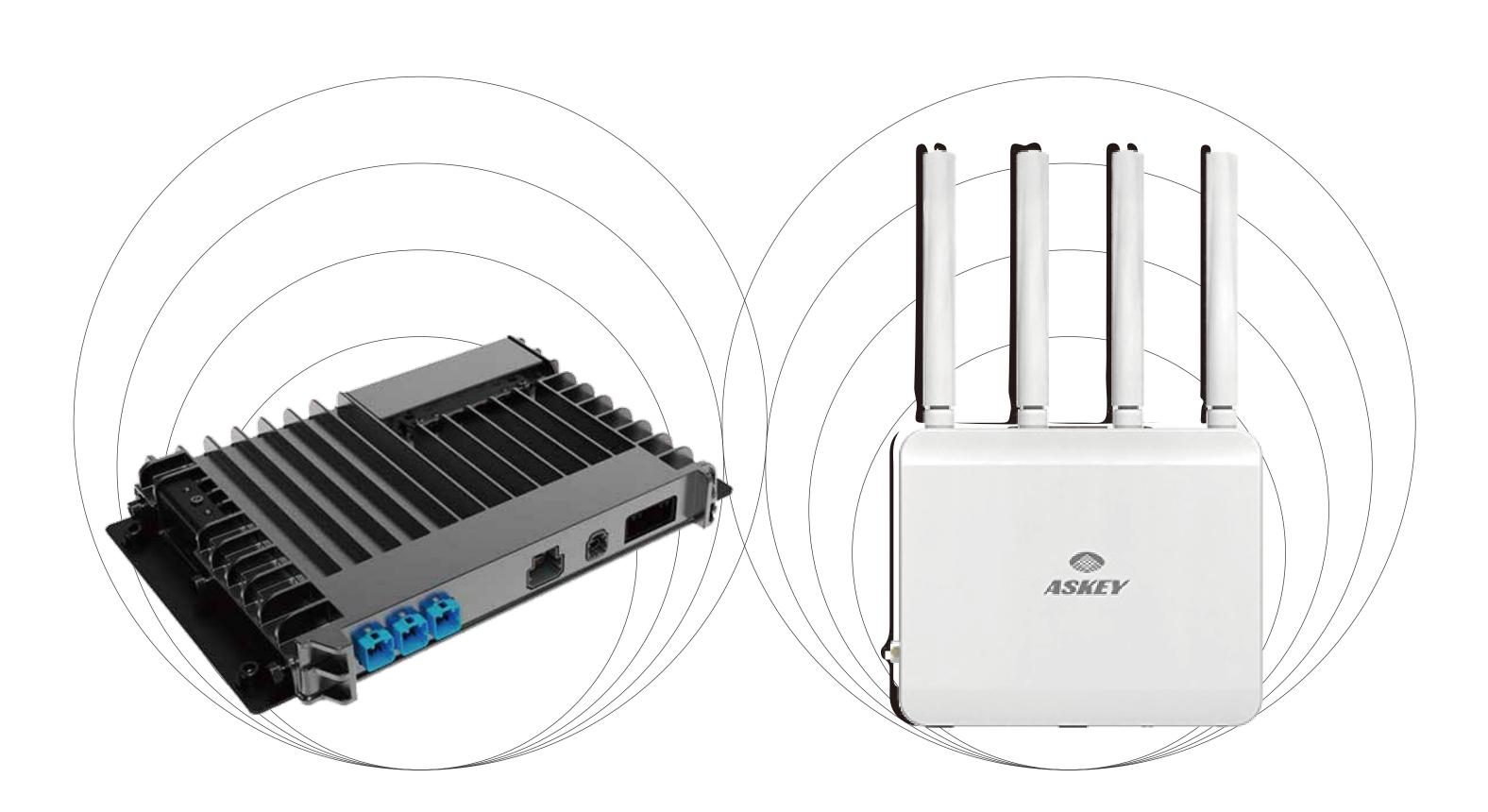 Driving behavior analysis and event reports

· **Vehicle Conditions**
  Driving trajectory tracking
  Traffic light and pedestrians detection
  Two-way communications with traffic control centers

Askey iDVR

- 4G LTE
- Visual AI enabling
- After market telematics
- 1080P FDH drive video recorder *3 camera
- Emergency call
- Cloud to IoT enabled

Powered by **aws**

Askey OBU/RSU

- Multiple high-speed I/O port; Auto Ethernet, POE
- Endurance RSU: NEMA6; IP 67
- Precision GPC with RTK
- C-V2X conforms to SAE,ETSI
- 5G bandwidth and low-latency
- Diversity communication by 5G/C-V2X/WiFi/BT
- Robust OBU: Auto–grade design

ASKEY

Specializing in Network Communications, Leading the Smart Lifestyle
Established in 1989 in Taiwan, ASKEY is a member of ASUSTeK Computer Inc., specializing in development of network communications and electronics manufacturing.

Your Smart Partner to Fulfill a Transformative Digital Vision
We adopt a human-oriented approach in performing scenario applications to provide new-generation Netcom solutions, and create a wonderful vision for a digital lifestyle.